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SEED SENSE

"FOR THE MAN BEHIND THE HOE"

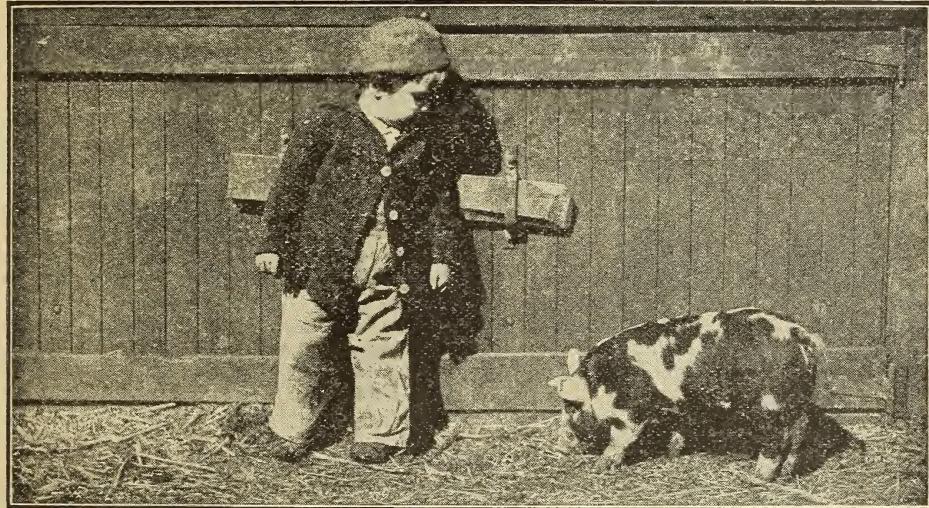
VOL. 8

Shenandoah, Iowa, April, 1919

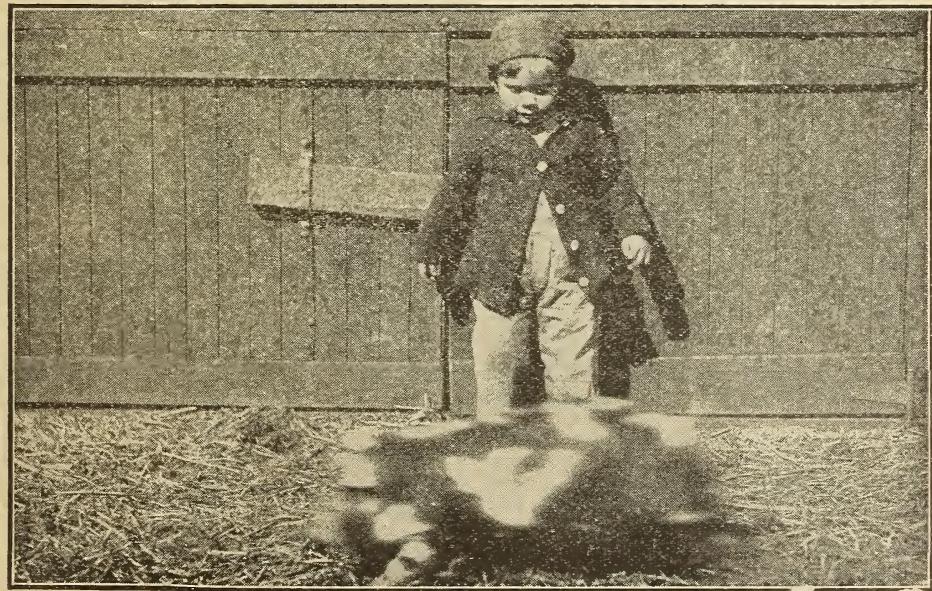
No. 3

Printed and Published in the Private Printshop of the Henry Field Seed Co., Shenandoah, Iowa

John Henry Tries to Catch the Spotted Pig



"Manti Babe" was 4 weeks old the other day and as she is a registered Spotted Poland we wanted to take her picture, and John Henry said he would slip up on her and catch her and hold her for me, so he edged up very quietly, and reached for her very carefully.



But when he reached for her she wasn't there! She was going like a circus horse about 40 miles an hour, and all you could see was the spots. But I got the pictures anyway while they were getting ready. Next month I will try and have some pictures of Ruth and Georgia with the pigs.



Pure Bred Eggs for Hatching

	Prices Pr. 100	Pr. 50	Pr. 15
Barred Plymouth Rocks	\$10.00	\$5.50	\$2.00
White "	10.00	5.50	2.00
White Leghorns S. C.	10.00	5.50	2.00
Brown Leghorns S. C.	10.00	5.50	2.00
Buff Leghorns S. C.	10.00	5.50	2.00
White Wyandottes	10.00	5.50	2.00
Light Brahmans	10.00	5.50	2.00
Black Langshans	10.00	5.50	2.00
Rhode Island Reds S. C.	10.00	5.50	2.00
Rhode Island Reds R. C.	10.00	5.50	2.00
Buff Orpingtons	10.00	5.50	2.00

The above prices include prepayment of parcel post charges anywhere in Postal Zones 2, 3 and 4. For zones beyond, add 10 per cent for Zone 5, 20 per cent for Zone 6, and 30 per cent for Zone 7.

We ship all eggs by Parcel Post, in the Diamond egg carriers described elsewhere in this book, and we guarantee safe arrival. In compar-

Poultry Department, Henry Field Seed Co. Shenandoah, Iowa

The above announcement is mostly self explanatory. I have tried to make it as concise and to the point as possible. I don't believe you care for a lot of blow and hot air and big talk. It is not necessary anyway.

You know us and know you can depend on us in any line we handle. We are handling the poultry business along the same lines as our seed business. Good stuff, fair prices, and liberal treatment.

The stock we offer is all farm range, healthy, vigorous and pure bred. We have a lot of the best farm women in this part of the country co-operating with us and growing the poultry on the farms, each flock by itself on a separate farm with a whole quarter section or more for range. No town bred cooped up stuff for us.

We do not promise show birds and we don't talk fancy points, but if it's good straight bred healthy hardy farm raised stuff you want, we can fix you out.

Henry Field.

P. S. Mr. Eldridge, our trouble man, is fussing about that picture up at the top. He swears those are fighting Games and that everybody will think we keep that kind and order nothing else. Now to tell the truth I used that cut because it looked pretty and the chickens in it looked healthy and hearty and I didn't happen to have any good pictures of the regular kinds. So I didn't mean any harm, and we don't keep Games, and I hope we don't get into trouble over that picture.

H. F.

ing prices, please note that practically all dealers ship by express at your expense and risk. That makes a big difference.

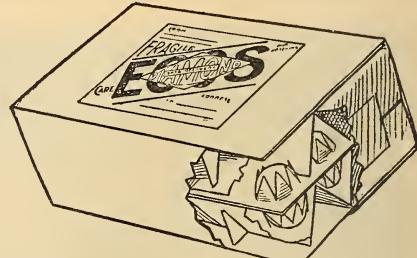
We guarantee the eggs we send out to be fresh and to show a high percentage of fertility. We can't guarantee a full hatch for we can't be there to boss the setting hens, but if you fail of a hatch and really think the fault is with the eggs, we will refill the order at half price.

We will try to fill all orders promptly. If you prefer you can specify exactly the future date you wish the eggs shipped.

We can offer limited amounts of several other breeds not named above. If interested, ask for what you want and we will tell you what we can do.

Send along your orders, and I know we can please you. You know our reputation for making good on everything we do.

Diamond Egg Carrier and Prices



We carry in stock here, ready for immediate shipment, the 12, 15, 30, 36, 50 and 60 egg sizes. They come to you knocked down, and packed in bundles of 1 dozen each.

Here are the prices:

Size	Price per doz.	Wt. per doz.
12 egg	\$2.90	12 lbs.
15 egg	3.00	16 "
30 egg	4.80	28 "
36 egg	5.45	29 "
50 egg	7.75	42 "
60 egg	8.45	43 "

These prices are f. o. b. here, and they can be sent either by express or parcel post. If wanted by parcel post, add postage for the weight indicated. Less than a dozen of either size, supplied at one-tenth of the dozen price each.

Why Not Have an Asparagus Bed?

Most of you have an idea that there is some great mystery about the growing of asparagus and that you have no chance of success with it. Nothing to it. It really grows like a weed. Just give it room and decent cultivation, and you can't help but succeed. It's mighty good eating in the spring of the year too. Nothing better.

The best way to get a start is from the plants. We have literally millions of them. Best size is strong 1 year. Some people though prefer 2 year. Take your choice. We have both. 5 per cent extra for 2 year.

Set the plants early. It's all bosh, this talk about trenching and all that. Just get the roots in the ground right side up and covered about 3 or 4 inches deep. That's all. Keep them well hoed all the first summer. Then in the fall mulch heavily and keep mulched heavy enough to keep the weeds down all the time from that on. Put plants 10 inches apart in the rows. Rows any convenient width apart. No crop the first year, but a fair crop the next year and plenty from then on for 20 years to come. Cut every day or every other day from early spring till peas come. Great money maker. Can't freeze out or dry out or hail out. Sure income. Regular pension. Sell readily at most places at 8c to 15c a pound.

Postpaid Price List of Asparagus Plants

These prices include delivery prepaid by either parcels post or express in zones 1, 2, 3 and 4. Beyond zone 4 add 10 per cent per zone prepay. Prices are for strong 1 year. If 2 year plants are wanted, add 50 per cent to prices.

	25	100	300	500	1000
Columbian Mammoth	35c	\$1.00	\$2.50	\$3.75	\$6.00
Bonvalettes Giant	35	1.00	2.50	3.50	6.00
Conovers Colossal	35	1.00	2.50	3.50	6.00
Palmetto	35	1.00	2.50	3.50	6.00

Rhubarb or Pieplant

We have the best variety of rhubarb that I have ever seen. It is the strain that is sometimes sold for wine plant. The stalks are very large, quite red in color, very tender and mild in flavor. It is early, hardy and just right in every way. We have no special name for it, but it is somewhat similar to the variety sometimes sold by nurserymen as Victoria, but in my opinion better. It was brought to this country by some of the early settlers and is well known in this neighborhood. The plants can be set either fall or spring and live very easily. They can be shipped safely by mail or express to any part of the country. See prices below:

Each Doz. 100

Rhubarb, 1 year (3 for 25c)	—10c	\$1.00	\$5.00
Rhubarb, 2 year (2 for 25c)	—15c	1.25	8.00

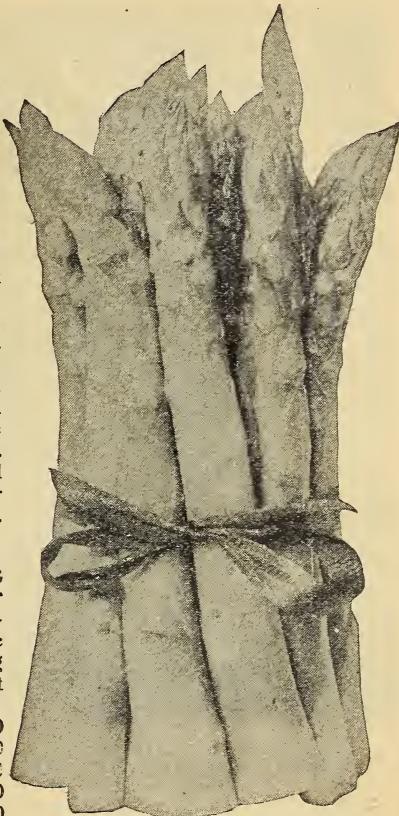
Horse Radish

Maliner Kren or Improved Bavarian. This is an improved variety of horse radish from Bavaria, which is being rapidly adopted all over the United States as the standard variety. It can be grown from either cuttings or crowns. The crowns are the top portion of the large roots and will make a big hill the first year.

Each Doz. 100

Horse Radish Cuttings	—	20c	\$1.00
" " " Crowns (3 for 25c)	10c	75c	4.00

Large lots horse radish cuttings same prices as asparagus plants.



Sage

We have a fine crop of Sage plants, (large 1 year) of our own growing. Prices are postpaid in zones 1, 2, 3 and 4. Add 10 per cent for each zone beyond zone 4.

Prices: 15c each, 2 for 25c. \$1.25 doz. \$8.00 per 100.

Redhead Tomatoes Beat Pictures

Gentlemen: Last year was the first year that I got seeds from you. The Redhead tomatoes were sure fine. You have a nice picture of them in the catalog but if I had taken a picture of mine I sure would beat the one in the catalog. There were as high as nine tomatoes in one bunch.

I am sending you a small order but later on I will send for more seeds. I want to get this strawberry order in early, so you can put my name on your list. Will send a few names that I know will like to receive your catalog."

—Mrs. Edwin Hockemeyer, New Haven, Mo.

State Champion Gardener

"I am the State Champion Vegetable Grower this year. I raised one-hundred and forty acres of vegetables and got a return of \$128.51 from what I raised on the 1-40 acre. The packages of seed you sent me were planted in this garden. The reward for my efforts during such a time of great need for increased production was a free trip to the State Capitol, gold medals and \$5.00 in U. S. war savings stamps. I also won the county and district championships. I will send another order later. Yours truly,"

—Fred C. Grossman, Jr., So. Euclid, O.



A Y. M. C. A. Worker in France

"My Dear Henry: I am here in southern France as a 'Y' Sec'y. and meet thousands of soldiers who come from day to day to this area for a seven day's 'leave' or vacation. They come from all parts of America, and I am simply astounded to know how many ask me if I know Henry Field, when they learn I am from Iowa. They all brag on your seeds and business methods. I felt I should write you this now, instead of telling it to your mourners.

We are engaged in a truly wonderful work over here and it keeps us busy night and day, but we are told we have the very best 'leave area' in the entire army. I like the work and am willing to stay, but would like to get back to the law office next summer sometime.

With personal regards, I am, Respectfully,
—E. R. Ferguson, Lamalon-les-Bains, Hérault, France.
Y. M. C. A. Sec'y. A. E. F.

A Bargain in Millet Seed

I don't believe very much in using Millet. I believe Sudan is better, but there are lots of good farmers who disagree with me and use lots of Millet.

We have secured a bargain in a car of Common or Fodder Millet, the kind that is universally grown for hay purposes and we can make a special low price for this month of \$2.00 per bushel or \$4.00 per 100 lbs. Please mention this special offer when ordering.

We have a limited amount of straight Golden Millet, also the Siberian Millet, but we have to have more money for them. The Millet that we have that we are offering @ \$2.00 per bushel is the common Missouri Millet that is used universally for hay purposes, which is generally spoken of as Fodder Millet.

Plenty of Soy Beans

Don't forget about planting Soy Beans in the corn. It is the nearest to getting something for nothing I have ever found. It will cost you only about 50c per acre for the seed, possibly less than that. The best way is to plant the Soy Beans right in with the Corn right in the same row and hill. This can be done by mixing the seed in the planter boxes, or better yet by getting an attachment to go on your planter. This attachment can be bought for about \$12.00 for any make of planter through your local dealer, and plants the Soy Beans at the same time as the Corn, dropping the seed right in the row with the Corn. You should use from 3 to 5 lbs. of Soy Beans per acre. We will sell you the seed for 9c per lb. or \$5.40 per bushel.

It is generally best to inoculate the seed. It costs very little and is good insurance. Everyone might not need inoculation for Soy Beans, but it would be better to be on the safe side. Inoculation costs you at the rate of about 1c for each pound of Beans. See prices on the back page. On Soy Beans, the one acre size will do for 100 lbs. of Beans.

We have a very fine stock of Soy Beans and would be glad to have your order. We can furnish any of the varieties named in the monthly price list and can make immediate shipment.

Special Bargain Collection of

Gladiola Bulbs

60 Blooming Size Bulbs, 90c Postpaid

We had the finest crop of gladiola bulbs this year we have ever grown and we are going to celebrate by offering the greatest bargain in them that has ever been offered, I believe—60 fine bulbs for 90c. Good bulbs too, not trash.

Most people prefer a mixture of colors, so 50 of the bulbs will be a mixture of all the best colors. Everything from white to dark red.

Then I will put in 5 each of the two best named sorts, *America* and *Mrs. Frances King*.

5 America, the great "peach pink" colored one, big and fine used to sell at 50c each.

5 Mrs. Frances King, the best red. Bright "cherry red," grows 4 to 5 ft. high, extra large.

50 Mixed Hybrid Seedlings, all colors, all good.

60 bulbs in all, all blooming size, young bulbs, two to four inches in circumference, well packed in a box, with directions for growing. *Only 90c for the box of 60 bulbs.*

This is the same collection shown in colored picture in catalog.

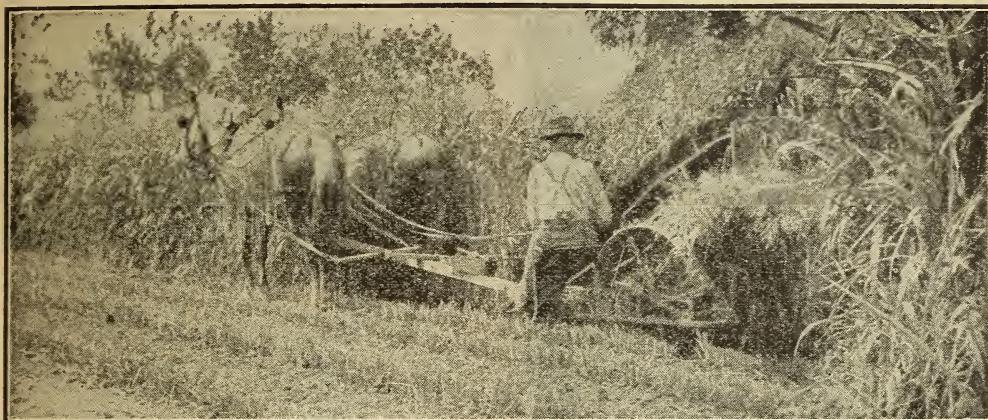
\$5300 Per Acre on Tomatoes

"Dear Sir: Last year I purchased my garden seed from you and included in the order a packet of Redhead tomato seed. I had a small patch in tomatoes 292 sq. ft. about half of it was Redhead, the balance another choice variety. Besides having fresh tomatoes to use on the table all summer, also canning a few quarts, sold from this patch \$35.45 of very choice fruit.

If you will take time to figure out what one acre will be worth like the above 292 sq. ft. you will find nearly \$5300.00 besides what was used for the table and canning. I picked the first ripe tomatoes July 20th, last ripe tomatoes for dinner November 21st.

Yours very truly,

—W. F. Hummerhug, Cedar Falls, Iowa.
P. S. Seed was planted about April 1st. How is that for a yield?



This picture shows G. D. Corbitt, Griswold, Iowa, cutting his Sudan Grass with a corn binder. He writes that this picture was taken exactly 60 days after the seed was planted and that the Sudan at that time was 8 ft. high.

He does not say what the yield per acre was, but it must have been enormous. I should judge from my experience with Sudan that he must have had the equal of 6 or 7 tons per acre of dry hay. You will notice that he planted this in rows like Corn and cultivated it. That is the way we generally do ours where we expect to cut it for hay, as it makes it easy then to cut it with a corn binder, which is the easiest and cheapest way to handle it. It makes a little extra work in cultivating, but you make up for that in the ease in harvesting and the extra yield you get. It can, however, be put in broadcast or with a wheat drill and you will get an enormous yield and have no work in cultivating it. The only trouble is you will have more work in harvesting it. We expect to put in lots of Sudan for pasture this year, both for hogs and cattle and that we will put in with a wheat drill and start pasturing as soon as it is knee high. It makes wonderful pasture for either hogs or cattle, as it keeps coming right along through the dry weather the same as Alfalfa does and there is no danger of it hurting any kind of stock.

A Good Stock of Watson Melon

Our customers most of them know that we keep exact records of all stocks of seed, through a system of stock numbers which are put on every package of seed, and which refer to our records here at the seedhouse.

By going to our records and looking up that stock number we can get the entire history of every package of seed we send out, where it was grown, what the germination test was with us, and what its record has been on our trial grounds.

Whenever you get any particular stock of seed that just exactly suits you, give us the stock number on it and we can match exactly, or very often can give you some of the same stock of seed on such things as Watermelon, Tomatoes, and Cucumbers, which are generally kept in the house for two or three years, as it is a well known fact that vine seeds of all kinds, improve with age up to four or five years old. Experienced growers always insist on using seed, which has been carried over at least one year.

I don't know whether you knew this or not, and perhaps I am giving away trade secrets, but it is a fact that professional pickle growers, for instance, will not use Cucumber seed that is less than two years old. They say that right new seeds runs to vine too much and does not set fruit enough, while if kept until it is two years old, it makes a shorter vine and a much heavier crop of Cucumbers. The same is true of Watermelons, Squashes, Muskmelons and Tomatoes.

What I started out to tell you was about a letter I just received from Walter B. Skinner about his Tom Watson Watermelons he got from us last year. Here is his letter:

"Last spring I bought 10 lbs. of Tom Watson Watermelon seed of you that were wonderful to say the least. They had all of the good points of the Tom Watson, with the good flavor of the Kleckley added. They were also early like the Kleckley.

Now I am sending you the stock number (8513) that came with the seeds, and I want you to send me 20 lbs. of Tom Watson Melon seed the same that those were. Whatever added expense there is in looking this up and being sure that they are the same, I will cheerfully pay.

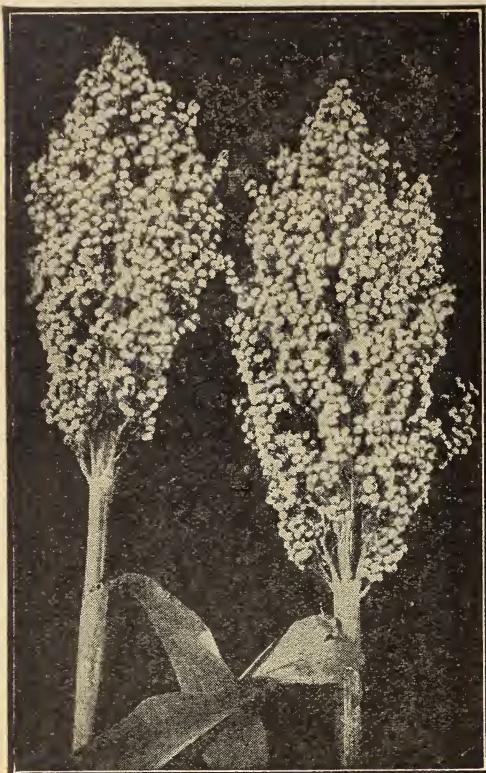
We raise 10 acres of Melons every year, but those Toms last year broke the record \$2000.00 from 5 acres is what we did. Mail the seed if you can get them and the bill and I will send the check by return mail. Yours for better Melons,"

—Walter B. Skinner, Clyde, Kans.

Mr. Skinner is absolutely right about this stock of Tom Watson. It is the finest we have ever found and we have been using it for two years now and expect to use it again this year. It is a little different from any strain of Tom Watson I have ever seen. It has the size and shipping qualities of all good Tom, Watsons but in addition it has almost the quality of a Kleckley and to cap it all, it is remarkably uniform.

We still have on hand about 2000 lbs. of this special stock No. 8513, which he mentioned and so we were able to fix him out in good shape with some of the same he had last year, and if you want and appreciate something extra good in Tom Watson Melons, we can give you some of the same. Just ask for stock No. 8513. In small quantities by mail postpaid, 10c per pkt., 20c per oz., or 50c per $\frac{1}{4}$ lb., or in quantities of one lb. or over to go at your expense, the price is \$1.50 per lb. flat for any amount under 10 lbs. or \$1.35 per lb. for 10 lbs. and over. Send along your order and be sure and mention the stock number.

* * * Read 20 lbs. per acre instead of 200 on page 7 * * *



Plant Some Feterita

I believe that it will pay you to plant at least a trial patch of feterita, the new grain sorghum, and if you live in a dry country you ought to plant a big field of it, for it will stand more drouth than anything I ever saw. In many parts of Oklahoma and Kansas it was the only thing that made a crop at all last fall. It made a fairly good crop where milo, kaffir and such crops failed entirely.

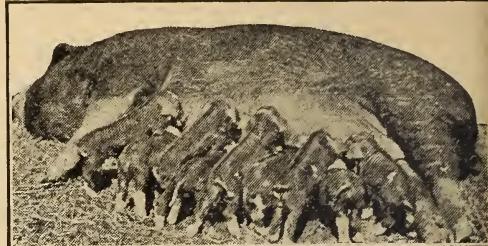
It makes fine feed for stock of any kind and is valuable both for grain and fodder. It is especially fine for chicken feed, and yields heavily even on a small patch. It should be drilled in rows like corn and cultivated the same way. Thin to about 6 inches apart in the row, single stalks, 2 to 3 pounds will plant an acre. It will yield anywhere from 25 to 75 bushel of seed per acre, according to the soil and the season. Price, 20c per lb. postpaid, or 10c per lb. not postpaid. Lower prices on larger lots.

Sudan Better Than Timothy

"I put in five acres of Sudan Grass last year with the corn planter. I got three cuttings of hay and had pasture left late in the fall. This year I am going to broadcast, and depend on it for my only hay."

Believe me it is some hay. My horses were on the plow three weeks steady last fall, when it was dry and hard, and the horses like it better than Timothy and do better. Yours truly,"

—R. L. Buxton, Creston, Iowa.



The pigs in the picture above are not mine.

Sudan for Hog Pasture

Don't forget that Sudan makes the finest hog pasture of anything you can grow. Also, it makes hog pasture that will last all summer.

There is only one thing that could possibly be any better hog pasture than Sudan and that is Alfalfa, and if you have Alfalfa you are lucky, but the trouble is that most of us do not have enough Alfalfa.

While we are waiting for Alfalfa and getting it started the thing to do is to sow Sudan and you will have the next best thing.

Last year I had the Sudan in the same field with the Alfalfa, in which I pastured my hogs, and I found that the hogs like it better than the Alfalfa and kept it eaten down all summer.

It keeps coming up just like Alfalfa does and the more it is eaten down, the more it starts up. You can turn in on it about the middle of June and from then on until frost in the fall, it gives a wonderful amount of feed.

You can either sow it broadcast, drill it in rows or put it in with a wheat drill. My advice would be to put it in with a wheat drill just like you would wheat or oats, only later in the season, just before corn planting time. Have the ground in good condition, use 20 pounds of seed per acre and don't put it in over an inch deep.

It will stand any amount of drouth and hot weather and come up smiling all the time, and if by any chance there is more of it than you need for pasture, it will make a world of excellent hay.

We can furnish the seed of the very best quality @ 20c per lb., net f. o. b. here.

5 Crates Strawberries Per Week

"My home is in one of the most beautiful valleys in the world, the Touchie Valley, the home of the big red apple.

This Valley is the home of your Everbearing strawberry. One of our neighbors set a bed of your strawberries raised from plants received from you, set them last spring in May, they began to bear in June, and in September and October picked 5 crates per week of as nice berries as you could ask for, and sold them for \$4.00 per crate. They had ought to be renamed, the Wonder of the West.

All order seeds you have sent out so far is all O. K. in our locality. I am passing your catalog around among my neighbors because I think you are reliable." —M. S. Hatfield, Dayton, Wash.

Greeley Wonder Muskmelons Fine

"The Greeley Wonder muskmelon was fine. The vines were loaded until frost. I saved seeds from that and expect to try to raise melons for sale this ye r." —Emma Collier, Beaver Crossing, Nebr.

The "Shorter Catechism" on Sudan Grass



Q. What is Sudan grass anyway?

A. It is an annual plant of the sorghum family, supposed to be the parent type of all the sorghums. It is an annual, dying when winter comes. It looks like sorghum, but is much more slender, more leafy, finer stalks, and stools like wheat.

Q. What is it good for?

A. It is grown for stock feed, and can be either cut and fed green or cured as hay.

Q. Will stock eat it, and is it good for them?

A. All kinds of stock eat it readily, and it is especially good for horses, mules and cattle. It can not possibly harm them, and in fact is better feed than any other hay except alfalfa.

Q. How is it better than corn, or kaffir, or millet for fodder hay?

A. It is richer feed than either, makes more leaf and less stalk than either cane or kaffir cures easily, and will not sour or spoil like cane so often does. Besides it will make a crop on less moisture than any other crop known.

Q. How long does it take to make a crop?

A. It will make a crop as quick as millet, and quicker than either cane or kaffir. With warm weather it will be ready to cut for hay in eight to ten weeks from sowing, and again every 30 days until killed by frost.

Q. How does it yield? Will it yield more than other fodder or hay crops?

A. It will yield two or three times as much as either cane, kaffir, milo, or millet, and make far better feed than either. Ours made about eight tons per acre, cured feed, besides a crop of 1,600 lbs. of seed per acre.

Q. Where will it grow? Can it be grown in the north? On thin land?

A. It will grow anywhere that field corn, cane, milo, or kaffir can be grown, and besides will thrive where it is so dry that none of these

can be grown. It will make a fair crop even on very thin, sandy, or stony land. It likes heat, the more the better but will grow wherever there is heat enough to grow corn to tasseling. It has been grown successfully as far north as South Dakota, and southern Montana. Probably will grow successfully in every state in the Union.

Q. What are the objections to it?

A. None so far as any one has been able to find out yet.

Q. How should it be planted, drilled or broadcast and why?

A. The best way to plant it is to drill it in rows corn row width and cultivate like corn. This takes from two to five pounds of seed per acre. It can be cut by hand with a mower, or binder, or corn binder. It handles easiest in bundles, as it is so long it tangles if handled loose. It cures easily and perfectly. Many people, in order to save the work of cultivating, sow it broadcast or drill it with a wheat drill, using about 200 pounds of seed per acre, and handle it with a grain binder. This gives about the same yield as the drilled crop and no cultivating, but it takes more seed. In an extremely dry country it should always be drilled in rows and cultivated so as to conserve moisture. This is true of all crops in such countries.

Q. How can this be done and how much seed will it take?

A. Use 2 to 5 pounds of seed per acre. Small patches can be drilled with a garden drill. For larger fields use a cane or kaffir drill with cane or kaffir plates. This means a plate with very small holes, generally three-sixteenths of an inch in diameter. Run the drill very shallow. It should not be put in over one inch deep. Plant it a little later than field corn, as it does not like cool weather.

Q. How should the crop be harvested?

A. It can be cut with a mower, or a binder or a corn binder. It cures readily when set up in shocks. It can be cut by hand with a corn hook in small patches. The seed can be threshed with a regular threshing machine, or in small amounts, beat out with a club.

Q. When should I order seed?

The sooner the better. The supply is short, especially on the northern grown seed, and the sooner you get it the better.

Q. What will it cost?

A. For this month, (April 1919) 20c per lb. net, f. o. b. here, or 25c to 30c by mail postpaid.

Sudan Grass Was Fine

"Dear Mr. Field: The acre of Sudan grass was great, cut one-half twice and left the other half for seed and will drill four acres for hay this coming season. Commenced to feed the hay two weeks ago to a fresh Jersey cow, more milk, more cream than a year ago. Yours truly,"

—Murice Brown, Garden Grove, Iowa.

Cut Sudan Four Times

"I had 10 acres of Sudan grass planted 24 inches apart in rows. This I cut 4 times and pastured off once. Got 500 or 600 pounds of hay. Planted May 3, first cutting in June, was 5 to 6 feet high, then the others not so tall but thicker. We had lots of dry hot weather too." —Alice Caughey, Sulphur Springs, Ark.



Young Merchants From Colorado

This picture was sent me by J. D. Long, Boulder, Colo., and Long said in his letter that these Onions were some of the seed stock from which a man near him there is growing Onion seed for us. The same man grows some for Mr. Long and that is how Mr. Long came to be interested in them. I am not sure from the picture whether these are Red Globe or Prizetaker but they are sure fine onions anyway.

Good Meadow for 5 Years

"Dear Sir: I have received my 1919 catalog. Thank you. I have spent several interesting evenings looking it thru.

I will say all the seeds I have received from you have given good satisfaction. The bushel of timothy and Red clover mixture I bought of you five years ago must have been perfect. I sowed them when the wheat was covered with snow. Got a fine stand and have gotten good crops of hay ever year since and not a bit of weed seed of any kind has appeared.

Yours truly,"—D. L. Hancock, Oronogo, Mo.

Soy Beans in Corn

"I planted a few soy beans in the corn last year and was well pleased with the results. After cutting and removing the corn I turned in a scrubby Jersey steer, which I was feeding about half a dozen Rutabagas per day and let him pick all the soy beans he could eat and the last two weeks gave him a small quantity of ground barley. I was really surprised to butcher him and find him so fat and the meat so tender and fine. Yours very truly,"

—Elery L. Pratt, Wascott, Wis.

\$40.28 on One Square Rod

Making a profit of \$30 on a square rod of ground is the feat performed by Wayne McCoy, 12-year-old Dodge City, Kans., winner of the 1918 square-rod garden contest in Kansas.

On one square rod of ground he grew more than \$25 worth of tomatoes, \$10 worth of lettuce, and \$5 worth of other products. The total receipts from sale of products was \$40.28. He figures he spent not more than \$10 worth of labor in planting and caring for the garden, leaving a profit of \$30 for the square rod. The square rod produced at the rate of \$6,444.80 an acre, and the rate of profit was \$4,800 an acre.

Of course he bought his seeds from Field. They all do.

H. F.

Strawberries in 6 Weeks

"Am sending you an order for small fruit trees and garden seed. I sent a small order last spring and among it was my Everbearing strawberries. After setting them out in six weeks I was having berries. Hope the trees will be as nice accordingly as the plants were. Yours truly,"

—Mrs. Count Harkless, Green Ridge, Mo.

Success With Lawn Grass

"Dear Sir: I feel as if I should write you a few lines in regard to a lawn that I seeded down last spring with some seed that I bought from you.

I bought some Winter Rye, some Lawn Grass Mixture, and some Alsike clover. Sowed them all the same time in the spring. The Rye came first and it made a nice lawn all spring and we had to cut it twice a week. That lasted until about August. Then the Rye died out and we had the most beautiful lawn you ever saw. It was the talk of the town.

Yours truly,"—J. J. Verwers, Sully, Iowa.

The Whole Family Make Garden

"Dear Sir: When Field's seeds arrive the whole family scramble to pick out some for their own individual use, (eight in the family) and then what is left of the order we all go coahots in planting and caring for the garden, I do the plowing, (that is I hire the drayman to do it), the kids do most of the planting and I do all the pumping of water to irrigate the garden with a wind mill) and my wife does most all of the cultivating and all of the bossing of the job. Last season I got her a garden cultivator and say you ought to have seen what a nice clean garden we had and it looked so easy to see her handle that cultivator. Well, anyway we had a dandy garden, plenty of everything, and right here I want to say that your Redhead tomatoes were the wonder of the neighborhood. I never saw such a yield and we had bushels of beans, onions, peas, beets and watermelons for everybody. Yep, a very satisfactory season, look out for another order. Wishing you a prosperous 1919.

Very truly yours,"—P. N. Kline, Moreland, Kans.

3 or 4 Plants From Each Seed

"Sir: I guess you will think I have forgotten that I got my garden seeds from you but I haven't forgot it. I never had such a fine garden. I think every seed furnished 3 or 4 plants. I supplied the neighbors in tomato and cabbage plants and gave away tomatoes but this year I am not going to do that way, I think we shall take orders for seeds from you. People see my garden and found out how your seeds grew. I had the finest onions from your seed and I have enough sets now for the next year. I will send you an order later on for my seeds.

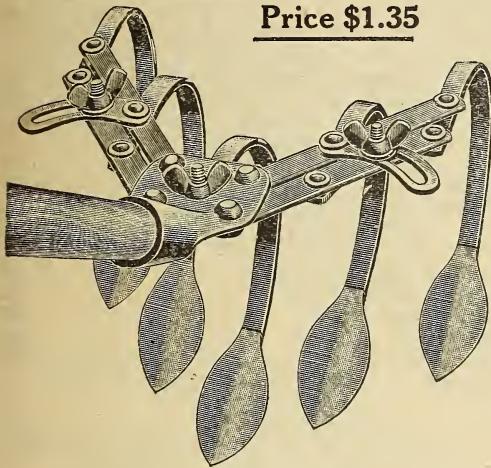
Always look for my seed bill from now on.

Yours respectfully,"

—Mr. and Mrs. Orin Patten, Jesup, Iowa.

Pull-Easy Hand Cultivator

Price \$1.35



It's a Pull-Easy

Five Prong Adjustable Cultivator

The only cultivator of this kind that's adjustable. Combines the popular five prong style with the great Pull-Easy Adjustable Feature. When spread to full width of 11 inches will prepare a deeper, finer seedbed than a rake.

Costs no more than the old rigid style and outsells it two to one. It is guaranteed.

A—Sharpened points concaved to insure perfect scouring.

B—Center tooth easily removable.

C—Instantly adjustable 7 to 11 inches wide.

D—Channeled steel teeth. Guaranteed unbreakable.

E—Four-foot polished straight grain handle.

PRICE. The price is \$1.35, net, f. o. b. here. It can be sent by Parcel Post all right, if you will allow postage for 3 lbs. This will be 7c for zone 2, 10c for zone 3, 15c for zone 4, and so on.

I have tried out lots of these hand tools, but never found one I cared to push till I struck this one. It does the work, is sold right, and suits me in every way.

Don't blame the boy or the woman if they can't keep the garden in good shape with an old broken backed hoe and rake. Get one of these and a wheelhoe and drill and have a real garden.

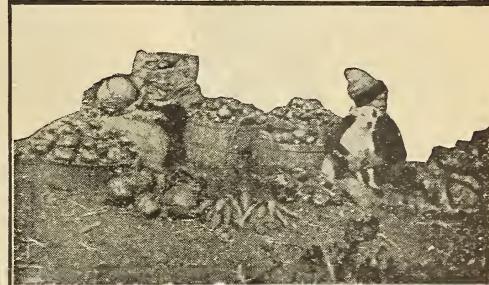
Rape for Hogs

"The 40 pounds of rape I got made me more money than anything I ever saw. I planted 4 pounds of rape and 1½ bu. of oats real early. The hogs have practically lived on the rape with a little corn till about 3 weeks ago. I fattened my fall pigs that run on the rape till I began shucking corn in a very few weeks, not over 6, and they made a splendid gain, weighed 250. These were pure bred Durocs."

I would not be without rape under any consideration. It made good pasture out here in Kansas during the dry weather when the alfalfa was practically dried up and greened up with a fresh growth after rains much better than alfalfa unless the rains were real heavy and often.

Thanking you for your good seeds and prompt delivery of same, Yours Respectfully,"

—Will Fogo, Burr Oak, Kans.



Garden Products From N. Dakota

This picture was sent by Mrs. L. E. Ringsaker, Lidgerwood, N. D., and shows the products grown in their garden there in North Dakota from seed purchased from us.

Some people think because they are way in the north they cannot grow good gardens, but this picture proves the contrary, for it is as fine a bunch of garden stuff as I ever saw grown anywhere.

Everything O. K.

"Dear Sirs: Enclosed is my garden seed order for 1919. I am, perhaps, a little early in sending it, but I want to make sure that I am safe on the seed question, and that is as good as guaranteed if I get the order to you in time. I have been buying seed from you since 1914, usually a number of times during the year, and have yet no record of a single error in shipment or any unsatisfactory quality in the goods; and many a time your helpful advice has 'saved the day' for me."

Here's thanking you, and hoping this season's sales will be the biggest you have ever had.

Yours truly,"

—Prudence Simpson Dresser, Gallatin, Tenn.

Had Good Garden

"Dear Sir: Last year we had three town lots that we had in garden. We sent to you for all our seeds and we surely did have a fine garden. We got those Little Marvel peas and planted three plantings two weeks apart and such peas as we did have. As many as we could possibly eat. Our cabbage and cucumbers were fine and so were the Redhead tomatoes. This year we have moved to a place of 27½ acres just across the corporation line and will have a big garden so we are coming back to you with a bigger order than last year and are confident that we will have another splendid garden. Sincerely yours,"

—Mrs. O. L. Schantol, Creston, Iowa.

Mangels for Eggs

"My Dear Sir: Catalog received just as we are planning for the spring time. Tis good—like the songs of the humming birds in far off garden—like the patter of rain on the roof after a long dry spell—and yet you have not told it all for we are now feeding 300 throred chickens with mangels and sugar beets and getting oodles of 70c eggs, and they are mighty cheep feed and the one thing that makes 'em shell out the eggs. And there some other side bits that you haven't played."

You didn't get the order last season as the kid (10 yrs. old) took the catalog out to the barn and the Jersey Bull calf ate it, but we got the benefit for he made the most rapid growth after that feed and brought the biggest price of any calf this season.

Mrs. Greene is now making out the season's order which you'll get in a few days. We certainly are glad to do business with a man that walks in the middle of the road. Again, you may send us another catalog as we have good neighbors who will appreciate honest-to-goodness offers. Yours truly,"

—P. E. Greene, Parsons, Kans.



We Can Furnish Soy Beans

There is going to be a big demand for Soy Beans this year, and the supply is short. There is not going to be half enough of the right sorts to supply the demand.

We have been looking out for this and have been quietly buying up all the good seed stock we could get, mainly in northern Missouri and in Illinois. We have the varieties that are grown and recommended there.

Jet (early black).

Black Beauty (large, medium late).

Shingto, Hollybrook, Morse, Mongol, Medium Yellow (all very similar varieties of early or medium early yellow).

PRICES: For this month I am making a special price of 9c per lb., net, in fair sized lots. We furnish bags, you pay express or freight.

For planting with corn, use about 4 lbs. of Soy Beans per acre, either mixed with the corn in the planter boxes, or planted with a separate set of boxes on the planter. You can get this attachment for any corn planter for about \$14.00.

Ozark Beauty Seed Corn

Last year we handled about 500 bushels of a very fine very large white corn grown at Rogers, Ark., in the Ozark Mountain country, and known as Ozark Beauty. This corn made a success everywhere and we are handling it again this year.

It is especially suited for the south and southwest, but is good for a grain crop in the southern half of Missouri, and is great for ensilage corn in the north, as it is an enormous rank grower. Last summer it matured ripe grain on our trial grounds here, but it would not be safe here ordinarily.

For anywhere south of Kansas City however it is a great corn and I am sure will please you. It is a pure white, very large grain, good big ear, moderately rough, and the finest milling or hominy corn I ever saw.

I forgot to put this in our price list, but the price is the same as our other regular varieties: \$5.00 per bu., \$2.65 per $\frac{1}{2}$ bu., \$1.50 per peck, 90c per Gal., all net f. o. b. here.

Standard Inoculating Bacteria

Hastens Maturity Increases the Yield
Builds Up the Land Enriches the Soil
Improves the Feeding Values
Easy to Apply—Simply moisten the seed before sowing. Full directions in every package.

Prepared for

Alfalfa	Sweet Clover	Soy Beans
Red Clover	Cow Peas	Alsike Clover
Field Beans	Crimson Clover	Navy Beans
Vetch	Canada Peas	Sweet Peas
	Garden Beans	Garden Peas

PRICE:

Garden size	-----	\$.35
1-acre size	-----	.50
2-acre size	-----	.95
4-acre size	-----	1.50
6-acre size	-----	2.00

By Mail 5 cts. Extra
SPECIAL NOTICE

When ordering state Crop to be Inoculated as there is a different Bacteria for each Legume.

Applied Direct to the Seed

DIRECTIONS IN EACH PACKAGE

A 1-acre package of Inoculating Bacteria will inoculate $\frac{1}{2}$ bu. (90 lbs.) of beans, peas, or any large sized seeds.

When used for the smaller seeds; such as alfalfa and clover a 1-acre package should be used for each 15 lbs. of seed.

For Vetch use a 1-acre package for 20 lbs. of seed.

You Can Now Order "Nitragin" as Follows:
(These cultures are put up in $\frac{1}{2}$, 1 and 5-acre sizes.)

Alfalfa or Sweet Clover	-----	Culture A
Clovers—Such as Red, Alsike, Crimson, White, Yellow, etc.	-----	Culture B
Garden and Field Peas or All Vetches	-----	Culture C

Garden and Field Beans	-----	Culture D
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Soybeans	-----	Special Soybean Culture
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Cowpeas	-----	Special Cowpea Culture
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Sweet Peas	-----	Special Sweet Pea Culture
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We also furnish special "Nitragin" cultures for the following: Beggarweed, Fenugreek, Horsebeans, Lentils, Lupins, Peanuts, Sainfoin and Serradella.

(Cultures for less extensively used legumes furnished on application.)

Prices on "Nitragin"

Garden size	-----	\$.30
(For peas, beans and sweet peas)		
1-2 acre size	-----	.50
1-acre size	-----	1.00
5 acre size	-----	4.00

Postage, express or freight charges extra
By all means inoculate the Soy Bean seed.
The 1-acre size will treat 90 lbs. of Soy Beans.

The Pete Lux Corn

Last year we got some very fine Johnson County White seed corn from Pete Lux, the noted Indiana grower.

We have some again this year of his own growing, shelled and graded, at \$6.00 per bu. f. o. b. here. Also some of our own growing here from his seed at \$5.00 per bushel.



Mountain Grown Pansies. From Seeds Grown a Mile High

If you have ever been in Colorado in the summer time you have probably noticed the wonderful pansies they grow out there. They are simply wonderful. Of course, it is partly the climate, for pansies love cool weather and in the high tide out there, it sure is cool in summer. We have visited Colorado three different summers on our auto trips and we always admired the pansies and got in touch with some of the best pansy growers.

Finally I made arrangements with a pansy specialist at Boulder, Colorado, to grow me some seed and I have a limited amount of this seed to offer now. It is a mixture only, but the best mixture I ever saw. He says it is the best in the world and I think maybe he is right.

Plant Seed Now

You just as well raise your own pansy plants though, unless you are in a hurry for quick results. Plant the seed very early, like you would for cabbage or tomato plants. In fact handle them just the same way, only of course, the seed must be planted very shallow on account of being so small. They grow fast after they once get started and from seed planted in March you ought to get flowers by June.

Pansy plants do best in a place partially shaded, even in full sun if kept cultivated and watered. Remember that during hot weather the flowers of all pansies are much smaller than in the spring and fall. Keep all blooms picked off as forming seed pods exhausts a plant. After the flowers get small cut back all long shoots to within two inches of the ground, water and cultivate well, as you would for blooming plants and again in the fall you will be rewarded with a fine crop of pansies. Just before freezing plants should again be cut back and after ground has frozen, mulch an inch deep with dry straw.

Pansy Plants for Sale

We will have thousands of pansy plants for shipment after April 15th. They are grown from the very finest strains of seed and we can assure all lovers of this beautiful flower that they will be surprised and pleased with the size and beauty of this strain of pansies. They will be sent by mail, extra well packed, and safe arrival guaranteed.

Price: (All plants in bud and bloom)

1 dozen, mixed colors, postpaid, 50c.

3 dozen, mixed colors, postpaid, \$1.25.

Extra large plants with lots of dirt on the roots, by express, not prepaid, at same prices.

Tomato and Cabbage Plants

We are having a nice lot of tomato and cabbage plants grown and we will be able to fix you out in good shape. They will be ready about May 1st or possibly earlier.

Tomatoes, (heavy transplanted plants), delivered by parcel post, postpaid, 6 for 25c, 12 for 40c, 25 for 75c, 100 for \$2.50.

Varieties: Early June, Mississippi Girl, New Stone, Earliana and Redhead. Also Pepper, Eggplant and Cauliflower at the same price.

Cabbage plants, leading sorts, 12 for 25c, 25 for 40c, 100 for \$1.50, all delivered by parcel post, prepaid.

Ask for special prices on larger lots of cabbage plants.

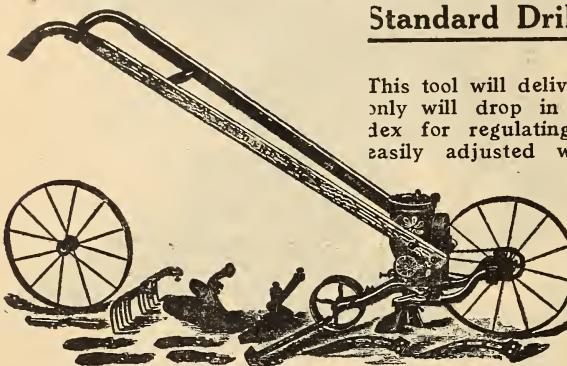
Plant Onion Sets

The quickest money in the garden is from the onion from sets. We are selling enormous amounts of them this year, but fortunately had a good supply. We are out of whites, but have plenty red and yellow yet. No change in prices.

Corn Belt Garden Tools For Corn Belt Gardeners

I have always handled and pushed mostly, the Iron Age Garden Tools. They are good tools, no trouble about them, and I am not going back on them. But I have been trying, quietly for the last 3 years, the Standard Garden Tools, manufactured right here in Iowa, and I am highly pleased with them. They are well made, of good material and are especially fitted to western con-

ditions. They are made right, they run right, and I will personally guarantee these tools to be absolutely satisfactory to you and the factory will do the same. If, for any reason, you are not entirely satisfied with these tools, you can return them at my expense and have your money back. You are the judge as to whether you are suited or not.



Standard Drill and Double Wheelhoe Combined

No. 9 Complete \$18.00

This tool will deliver seed in drills and by shifting one part only will drop in hills 4, 6, 8, 12 and 24 inches apart. Index for regulating the flow of seed is in plain view and easily adjusted with a brass thumb screw. Shoe has a special V-shaped bottom and is adjustable for depth up to 2 inches. Seeder is driven by steel chain which has ample adjustment at forward end of wheelarms. Equipment includes four cultivator teeth, one pair of hoes, one pair of plows, one pair rakes and two leaf guards. Will plant and tend anything in the garden.

No. 2 Spring Beam Double Cultivator \$9.50

This spring beam, double wheel tool is a great favorite with all who use it, owing to the fact that the attachments, when in use, are entirely under the operator's control. The handles, being bolted to the spring beams, allow them to be moved to and from each other very easily. In cultivating plants in hills the attachments can be worked in and out between the plants, doing the closest work possible to be done with a wheelhoe. The arch clears the ground fifteen inches and is adjustable in width from seven to eleven inches. Wheels are sixteen inches high, with one inch tires. While the tool is light and easy to handle, it is built of the best material and will stand much hard usage. All tools have oak handles with bent grips.

No. 5, With plows, hoes, cultivator teeth \$9.00
No. 7, With hose and cultivator teeth 8.00
No. 8, With plows, hoes, cultivator teeth 8.00

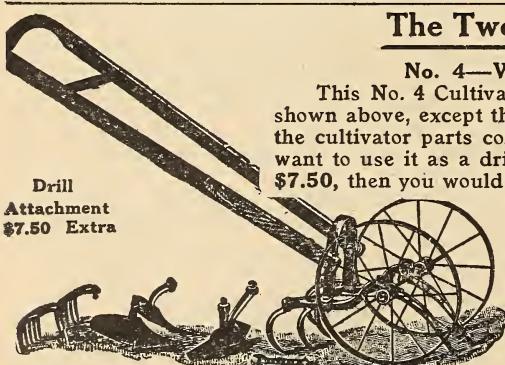
Standard No. 2 Spring Beam Cultivator, Shipping weight 28 lbs. With all attachments shown ----- \$9.50



The Two-Wheeled Double Cultivator

No. 4—With Complete Attachments—\$10.50

This No. 4 Cultivator shown below is the same as the combined tool shown above, except that it does not have the drill attachment, but has all the cultivator parts complete. If you buy this and later decide that you want to use it as a drill you can buy the drill attachments separately for \$7.50, then you would have the regular No. 9, which sells at \$18.00.



Drill Attachment
\$7.50 Extra

No. 4, With complete attachments-----\$10.50
No. 13, With plows, hoes, cultivator teeth 10.00
Complete equipment: 2 rakes, 2 plows, 4 cultivator

No. 17, With hose and cultivator teeth-----\$9.00
No. 19, With cultivator teeth only----- 8.00
teeth, one pair hoes, 2 leaf guards and wrench.

Shipping weight, boxed 40 lbs.



"Howdy Fellers"

Ralph Otto Shreckengoush, McFall, Mo.

Will Order From Field This Year

"Dear Mr. Field: I am only a boy 13 years old and I will tell you why we did not send you an order last year. I had the order made out for about \$5.00 worth and just the day before I was going to mail the order Papa came home from town and had about a half a bushel of seed that he had got somewhere for about half price and we planted some of them and they were not worth a snap, then we wished we had ordered from Field."

"But I tell you we are going to order from you this year, you just watch."

From a friend,"—Neil Stidham, Eldon, Mo.

Gift Packages of Flower Seeds

"The greatest pleasure we had was enjoying our beautiful Asters raised from the gift seeds from you. They were beautiful and were in full bloom when we were sick. My Butterfly Bush was very pretty and no one knows how we enjoyed those Asters and we thank you very much. Yours truly,"

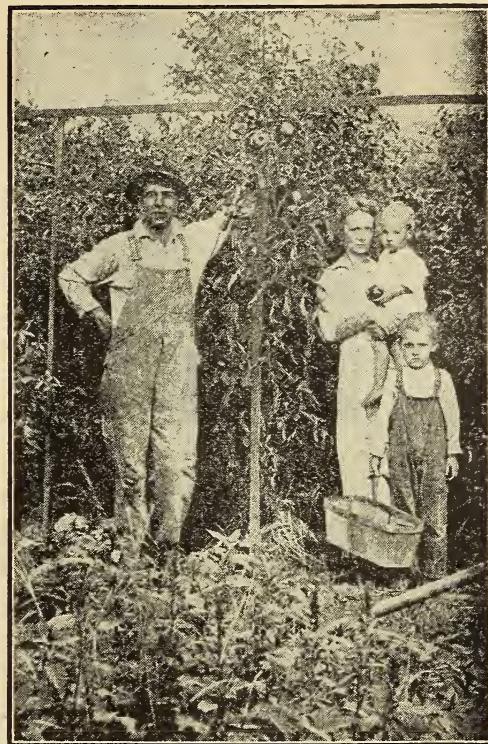
—Mrs. L. T. Gordon, Warren, Wyo.

Rainbow Chasers

"I note what you say about the Rainbow Chaser and you describe my case pretty well. I pretty nearly always fall for everything that comes along and quite often get bit. When the Wonderberry was started I bit and bought seed and then I bit the berry when it got ripe, but I never have wanted to bite any since.

The Himalaya Berry I never got a chance to bite for they never bore any fruit. I do not have a very large garden, not as large as I would like, probably 1½ acres, but as you know our town is small and all that I can dispose of here is the early stuff that I can get on the market early. Yours truly,"

—W. Bryant, Stella Nebr.



\$75.00 From 160 Tomato Plants

The picture above shows G. D. Harper, Iola, Kans., standing by one of his tomato vines in his back yard. He writes that he sold over \$75.00 worth of Tomatoes from 160 plants in his back yard. Of course, he used our seed, but he attributes part of his success to the fact that he used Swift's Garden Fertilizer, applied in the hill at planting time, and also irrigated during the extreme dry weather.

The seed and Swift's Fertilizer and irrigation were all good and on top of it I have an idea that Mr. Harper is a pretty good gardener.

Tobacco Dust for Bugs

Now is the time to lay in a supply of tobacco dust for the bugs and plant lice. If you wait until they appear it will be too late. Always figure on delayed freight or express and order early enough so that the Railroad Companies can hold shipment up along the line as long as they like and yet reach you in time for the bugs and lice.

Figure this expense as a form of insurance. don't know that you will need it but you can't afford to take chances. Tobacco dust is one of the best things I know of to drive the striped bugs away and kill the lice. The bugs and lice are not as fond of tobacco as poor depraved man and promptly move out when dusted. Sprinkle the dust on the plants when they are small and on the underside of the leaves for the lice.

Price: 12 lbs. for \$1.00; 25 lbs. @ 7½¢ per lb.; 100 lb. lots or more, 6c per lb. Customers to pay transportation.



Have a New Service Flag

When your boy in the service comes marching home he will be delighted to find the star that represents him is new and bright, also the words "*Welcome Home*" on the service flag. What more appropriate gift could you make a home who has a boy in the service than one of these beautiful silk service flags?

We can supply these flags with one, two or three stars, either with plain or gold fringed edge. The flags are of extra fine quality silk material and mounted on cross bars, suspended by a gold cord. In ordering be sure to state how many stars wanted and whether plain or fringed edge. We make immediate delivery, by parcel post.

8x12 inch size .75 each postpaid
12x18 " " 1.00 "

We also have a complete line of U. S. and Foreign flags. Send for illustrated price list.

Show This to Teacher

We have a plan for you to get a school house flag as a premium for selling the Junior War Garden Seed Collections. The children can sell the seeds easily. We send the seeds without pay in advance, simply on request of the teacher, and when sold and the money turned in, the flag will be sent promptly by mail. The flags are cotton, medium weight, fast, bright colors, sewed stripes and printed stars. Sizes 3x5 ft. and 5x8 ft.

The smaller size can be earned by selling one set of 10 Junior War Garden Seed Collections at 35c each, and the larger one by selling two sets or 20 collections. Each Junior War Garden collection consists of 10 packages of seeds, 8 vegetables and 2 flowers, all strictly first class, and it is a bargain at the price. You can also secure an Automatic Pencil Sharpener for your school room by selling one set of 10 collections. If you wish to purchase the flags, they are \$1.50 and \$3.00. We also have many larger sizes which can be earned by selling the seed collections or can be bought for cash. Our complete offer will be sent you upon receipt of your request. Address Flag Department, Henry Field Seed Company, Shenandoah, Iowa.

Canning Dope

You will probably do your first canning in June at least you ought to if you can possibly arrange it. Asparagus will be ready then as will also greens, peas, rhubarb and some of the small fruit. It will also be better to can beans at this time and beets if you can any and it would be nice to have a few, although you can store them like other root crops.

The point is to can this stuff while it is at its best, that is at a season when it grows the tenderest and has the best quality. You can can the beans in the fall when you do the corn and tomatoes if you wish, but you will have enough to do then, and besides there is risk of no crop at this time. The fruit you will have to take care of when it is ready. Don't miss it. The Lima beans, corn and tomatoes will of course be taken care of late in the season, probably in September.

Have at least 100 plants of asparagus unless your family is large. It will take up a small space at best and if you want to get a start at practically no cost get a packet of seed. I would however, recommend the plants. A dozen plants of Rhubarb at least. They too, take up a very small space and a packet of seed or a dozen plants will do. For the greens better get an ounce of seed of either spinach or Swiss Chard or a packet of mustard, whichever you care for.

For the beans, corn, peas and tomatoes fifty quarts of each will not be far wrong for the average family, if you care for these vegetables.

The amount to plant of each for 50 quarts, depends whether you wish to can all at one time or whether you care to make two or three cannings as the crop reaches a good condition for canning.

I would suggest that you plant liberally for it is better to have too much than not enough and it is hardly likely that it will go to waste after using for your immediate needs in addition to what you can. The cost of the seed and work is a small item compared with what you get anyway.

If you want to can more or less than fifty quarts you can use these figures as a basis and very easily estimate your needs.

Beans

Three pounds of seed will plant six fifty-foot rows.

Six fifty-foot rows will yield at one picking two bushels.

Two bushels of beans will can forty quarts.

Sweet Corn

One and one-half pounds of seed will plant twelve one-hundred foot rows.

Twelve one-hundred foot rows will yield at one picking, five hundred ears.

Five hundred ears will can fifty quarts corn.

Peas

Six pounds of peas will plant six fifty-foot rows.

Six fifty-foot rows will yield at one picking two bushels of peas.

Two bushels of peas in the pod will shell out twenty quarts.

Twenty quarts of shelled peas will can twenty quarts.

Tomatoes

One packet of seed will produce an abundance of plants.

Twenty-five plants spaced four by five feet will yield at one picking, two and one-half bushels.

Two and one-half bushels will can fifty quarts.

Of course these quantities will vary with the season and the care the crop receives. At best, it is only an estimate but it is an estimate based on records of yields and is close enough for all practical purposes.

As to varieties, among the beans, the Stringless Green Pod is as good as any in a green pod. If you prefer a yellow or wax pod, Surecrop Wax is good as is also Round Pod Kidney Wax or Black Wax.

In the peas there is nothing better than Little Marvel or Dwarf Champion.

In the corn, White Evergreen, Stowell's Evergreen or Country Gentleman.

For tomatoes, New Stone is used for this purpose more than any other. Mississippi Girl is also fine. Ponderosa is the best quality. Bonny Best and Chalk's Early Jewel are good for medium early canner.

Select some of the varieties I have named and you will not be disappointed. However, there are others that will answer fine and if you have a preference use it. In the May number of Seed Sense we will tell about canning these vegetables or at least how we canned some for ourselves and where to get more information about it.

Walt Pitzer.

Redhead Tomato is Fine

"Dear Sir: Received your 1919 catalog and am making a list of seeds, etc., to send for in the near future.

I receive Seed Sense regularly and enjoy reading it. Considering the dry season I had a very nice garden from Field's seeds. The Redhead tomato is a corker. I have tried it now two years and it has proved to be a fine tomato and prolific bearer.

I have induced several of my friends to try it and they are all well pleased with it.

Wishing you a Happy and Prosperous New Year.
Very Respectfully,"

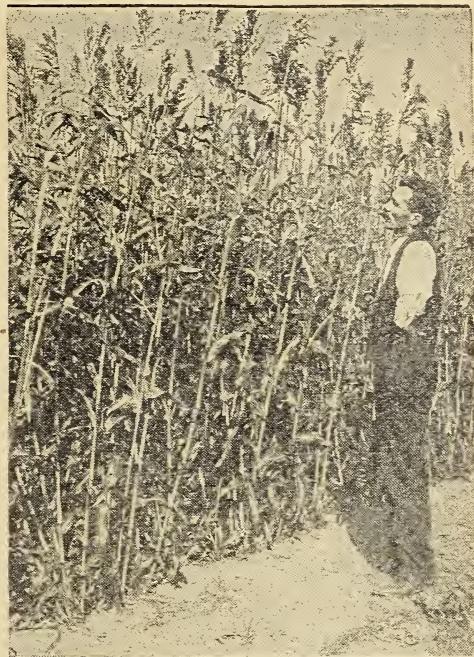
—Chas. M. Davis, Kansas City, Mo.

Seeds Are Reliable

"Dear Sir: I will let you know why I did not order any seeds of you last year. The reason is plain because I didn't need any, but if I do the only place I ever would order any seeds of is from the Henry Field Seed Co., because their seeds are so reliable and the firm is so reliable to deal with. We have a farmers' club in this county. Last spring we had a meeting and at the meeting one of our members said 'What is the best firm to buy seeds of,' and they almost all said, 'Why the Henry Field Seed Co.' because they are the most reliable and what they tell you can depend upon and they have the best seeds that grow. Whenever we buy seeds of you we can depend on them. You are not like most firms if your seeds are not right for our locality you tell us, and other firms don't. All they care for is to sell the seeds. It always seems as though you do us more good than yourself that is why we stick to you so, and that is why your business is increasing so and there is an awful good reason why. Wishing you more success I remain,

Yours truly,"

—John L. Leffler, Grundy Center, Iowa.



Some of our Wisconsin Amber Cane showing how it looks growing in the field. It is very early and sweet and a strictly pure strain. We can supply seed of our own growing of this strain at 25c per lb., postage extra.

Postpaid Prices on Field Seeds

We find there are lots of people who want only small amounts of field seeds especially Sudan, Cane, Feterita, Rape and such seeds as that. For their convenience we have made up this list, which is as near right and fair for every one as we can figure it.

	Postpaid prices in Zones 1, 2, 3 and 4. Add 2c per lb. to these prices for each zone beyond.	lb.	2lbs.	3lbs.	5lbs.
Sudan Grass	30	.55	.80	1.25	
Feterita	20	.35	.50	.80	
Broom Corn	20	.35	.50	.80	
Kaffir, Milo, etc.	20	.35	.50	.80	
Soy Beans, all kinds	25	.40	.60	1.00	
Cow Peas, all kinds	25	.40	.60	1.00	
Syrup Cane, Wisc. Amber	35	.65	1.00	1.50	
Syrup Cane, other sorts	25	.45	.65	1.00	
Dwarf Essex Rape	25	.45	.65	1.00	
Field Beans, all kinds	25	.45	.65	1.00	
Field Corn, all kinds	25	.45	.65	1.00	

Remember these prices are for postage paid in Zones 1, 2, 3 and 4. For Zones beyond 4, add 2c per lb. for each extra zone.

Our War Garden Collections

We have ready made seed collections to fit any size garden and any size pocket book. All the way from our Junior Collection at 35c to our Complete Garden Collection at \$3.32. You will find a complete list of them in our catalog, on the extra pages in the center of the book.

Field's Seed Sense

FOR THE MAN BEHIND THE HOE

Published Monthly by the

HENRY FIELD SEED COMPANY

Field Building, Shenandoah, Iowa
And Printed in Their Own Private Printshop

Henry Field, Editor E. F. Vincent, Mng. Editor

SUBSCRIPTION PRICE: 25c per year or 5 years
for \$1.00.

Another "Rainbow Chaser"

Last fall while we were at the Des Moines fair someone brought in a large Hercules Club gourd and asked us if we knew what it was. We did. He told us we were mistaken, that it was the *Gigantic New Guinea Butter Bean*, a wonderful new edible vegetable. Maybe it is an edible vegetable if you like gourds but we are not partial to them ourselves.

This season we have received a flood of letters and clippings of an ad run in some western paper offering this bean (?) at 6 seeds for 50c or 16 for \$1.00. We don't make a practice of cutting prices but will sell you this bean (?) under the name of Hercules Club, Jonah's gourd or Teddys Club at 10c per packet of not less than a dozen seed and at this price make a fair profit. However, we won't guarantee it to come up to claims made for it in advertising matter which we have seen and would suggest you grow it as a curiosity only and not attempt to serve it on your table.

The Hog Sale Went Fine

You remember I told you in last Seed Sense about our brood sows and that we were going to have a sale March 19th and sell half of them. We had a fine day and a dandy crowd, and everything went off in nice shape. I had 61 sows listed for the sale, but the crowd was so hungry for hogs that I run in ten more extra and sold all of them and could have been selling hogs until dark if I had cared to spare any more of mine. As it was, I sold 71 head and they brought me an average price of about \$90.00, which I guess is the record for hogs without papers.

Of course, I did not have any of the Spotted Polands in the sale, but I had Durocs, Poland Chinas, Hampshires and one Chester White, and so far as I could see, all the breeds brought about the same price, considering difference in size and so on.

It was mostly a local farmer crowd and practically all of the hogs were bought by local people. They knew them and had been watching how I was feeding them.

"Field's Seeds Grow Anywhere"

"Dear Sir: We planted some of your Mountain Danvers onion seed last year. They certainly did fine. They took the premium at the Fergus County Fair. The neighbors want to send us for some seed. They say they never saw onions grow so large so near the mountains. We have used your seeds a good many years. We used them in Iowa, Missouri and since we came to Montana."

—Ray Shavers, Lewistown, Mont.

Closing Out Onion Sets

Plant lots of them. We will make them cheap enough so that you can. Plant for young green onions and to grow bulbs from.

Nothing nicer than the tender young green onions. Bulbs from sets mature early for cooking or can be kept and stored for winter. Use liberally. Nothing healthier in vegetables than onions. Nothing in vegetables more palatable if prepared right. Try these recipes.

Small onions in cream. After cleaning small onions put them in boiling water. Boil five minutes, pour off, then put in fresh boiling salted water. Cook 30 or 40 minutes. Thicken with small amount of corn starch. Add dash of pepper.

Scalloped onions. Parboil the small onions in boiling water until tender. Drain, separate them, put layer in baking dish then layer cracker crumbs. Alternate onions and crackers, adding plenty of butter, salt and pepper to each layer. Moisten with milk and bake until nicely browned. Serve hot.

Sets won't keep over you know and we want to clean up on them so we are making a price that you can't pass up if you like onions.

There will be a few sprouted ones but not enough to hurt. Plant them as soon as you get them. Are filling orders just as fast as they light so can get sets to you at once without delay.

Can send small quantities by mail as cheap as express and they will be delivered right to your door. Out of white. Can furnish red and yellow only.

Postpaid Prices on Onion Sets

	Gal. (4 lbs.)	Pk. (8 lbs.)	1/2 Bu.
Zone 2.	55c	\$.99	\$ 1.81
" 3.	60c	1.08	1.98
" 4.	70c	1.28	2.31

Send along your order.

Cane Seed is Lower. \$2.25 Per Bu.

I am happy to say that there is at least one thing that has dropped in price to the old low prices before the war.

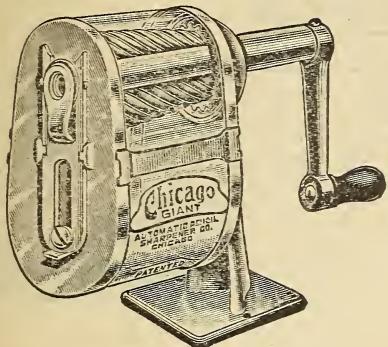
That is Fodder Cane. It seems to be plenty this year and of excellent quality. It was slow coming on the market as everyone was slow threshing, and during the first part of the season we were unable to accumulate any very big supply, but now there seems to be plenty of it and we have just purchased a car of very fine Fodder Cane at a low price.

We have revised our prices downward on Cane seed and are offering Amber Fodder Cane @ \$4.50 per 100 or \$2.25 per bushel. We also have some mixed Fodder Cane, mostly Amber with a little Orange mixed in it, which we can sell you at the same price, \$4.50 per 100 or \$2.25 per bushel.

Straight Orange Fodder Cane, however, is still rather scarce and we cannot make a lower price on it. The best we can make on Orange Fodder Cane is \$3.00 per bushel.

Please remember now the low price on Amber Fodder Cane, \$2.25 per bushel, \$4.50 per 100, net F. O. B. here, bags weighed in free. Quality and germination guaranteed first class.

Some Worth While Specials from the Junior Dept.



Chicago Giant Pencil Sharpener

Cash Price \$1.50 Postpaid

One of these new model pencil sharpeners should be in every school room, home, office and in fact everywhere pencils are used. It is economy and insures uniform points. Sharpens every pencil or crayon from the smallest to the largest. Automatically stops cutting when point is produced. Will not break leads. We can supply new cutters when needed at 60c per pair but a sharpener will produce thousands of points before getting dull. Clamps for fastening to desks or tables supplied for 25c extra. Screws for fastening to wall are included with every sharpener.

A Few More Raincoats Left

We still have a few of those raincoats left. They are going fast and we are already sold out on some sizes. Act quick if you want one.

These coats were bought of a manufacturer who was forced to discontinue this line, on account of not being able to secure any more of the same material. We bought his entire stock at greatly reduced prices and while they last we are giving our customers the advantage of this bargain.

Every coat is well made and guaranteed. Made of top-heavy waterproof material in tan color only. Can still supply ages 8-10-12 in either boy or girl coats. Be sure to state whether for boy or girl and give age wanted.

We are sold out on girls' caps and can only supply boys' hats, but they are suitable also for girls, in fact, a great many girls prefer them.

Better order a school bag with the coat, for they are going fast and I am sure you will wish you had one after they are all gone.

Our Cash Prices While They Last

Raincoat only, sizes 8 to 12.....	\$2.00
Hat to match.....	.35
School Bag of same material.....	.35
Complete Outfit, postpaid.....	2.50

Prices above are quoted separate for those who wish to buy either complete outfit or any part of it.

Have You Got a Phonograph?

I have always been a great lover of phonographs, and have always owned one since they first became common a great many years ago. I believe a good phonograph is a very important and necessary piece of furniture in any home.

I have owned pretty nearly all kinds of them and they are all good. For the price you pay, there is really not much choice. You get your moneys worth in any of them. The same way with the records. There is a dozen or more companies making them now, and all good, and all selling at the same price.

Since a number of the basic patents have expired, there are lots of independent manufacturers in the field, which has had a tendency to reduce the prices and improve the quality of all the makes, on account of sharp competition.

We have for some time been quietly looking into the phonograph situation with the idea of handling them ourselves for our customers, and eventually manufacturing them ourselves, and have the deal well lined up now.

We expect as soon as we can make the necessary arrangements to manufacture them ourselves right here at Shenandoah, but for the present we have contracted with one of the best

independent companies in the business to make the machines for us, to our specifications, and according to our own ideas.

For one thing, we want a beautiful machine, one that you will be proud of. It should be of the tall or cabinet type, with plenty of size to give depth and volume to the tone. It must play all makes of records, and play them perfectly. It must have the so-called "violin construction" sounding box made of thin wood. It must have a trouble proof motor, that will run quietly and smoothly.

The story is really too long to tell it all here, but we have a machine that fills the bill in every way, and that suits me, and I know it will suit you. We will make it in about three sizes selling from \$90.00 up, and we will sell it on easy monthly payments, or with a discount for all cash.

I want every family of our friends to own a good phonograph and I am going to make it easy for them to do so. We will also handle a full line of records. Write for a list of them.

Now if you are interested at all in a phonograph, write for our proposition, or if you already own one, write for our record list, I know we can do you some good.

Junior War Garden Seed Collection

A Whole Garden For 35 Cents

For Either Town, City or Country



Radish



Cabbage



Muskmelon

As usual we are offering our **Junior War Garden Seed Collection** again this year. We have had an enormous demand for it ever since we introduced it 3 years ago, and the demand grows as people realize its excellent value and how nearly it fills the wants of small gardeners. This collection is going to be better this year than ever. The reason we offer this big collection for such a price is simply to get new customers acquainted with our seeds and allow us to get acquainted with new customers. The price is so low everyone will buy. Think of it! 10 packages for 35c.

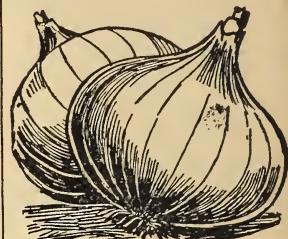
And we are going to make the quality so good that it will be a living and growing advertisement for us all summer. The seed is all new crop, tested and vigorous—the kind you always get from us.

And of course we are putting in some flowers, for a garden isn't right unless it has flowers. Here's the list:

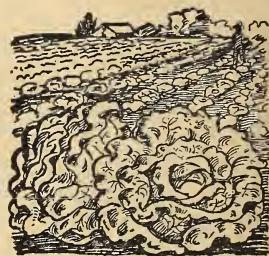
Vegetables: Cabbage, Radishes, Lettuce, Tomatoes, Beets, Muskmelons, Onions, Cucumbers.

Flowers: Asters and Sweet Peas.

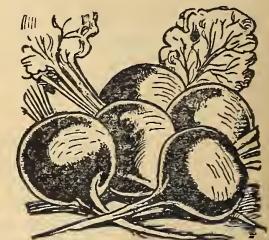
One package each of the above varieties, 10 in all, for 35c. Can you beat it? Think what a fine garden for a boy or girl! We can't change the listed assortment as we can make this low price only by putting up the collection in enormous amounts a long way ahead. If you want other things you can order from regular list in catalog. Remember, these are no little skimpy sample packets, but real sure-enough garden size, and good tested seed of the very best varieties.



Onions



Lettuce



Beets

The Junior Seedsmen

The most enthusiastic bunch of friends I have this winter are the boys and girls who are selling the Junior War Garden Seed Collections. We have about 15,000 of them at work now and several hundred more of them enrolling every day. We expect before the season is over to have 45,000 boys and girls selling the seed collections. They are reporting splendid success and are cashing in at a great rate. The camera seems to be the most popular premium, in fact it is every year. Then next to that comes the guaranteed pocket watch, which we give for selling ten collections. The fountain pen is giving the watch a close race however. We are sending out to the ones who cash in, dozens and dozens of dolls, tool kits, sweater coats, bracelets, lavallieres, and so on.

Practically all of the boys and girls are having success in selling their seed and most of those who have not cashed in have been delayed by bad weather and bad roads, but will come in strong a little later.

Now that good weather is coming the seeds will sell like hot cakes, so if you have not sent in your application yet, better get it in at once. A premium list will be sent with your seeds telling all about the proposition and showing the premiums. If you want a premium list before ordering, just drop us a card and we will send you one, but do it now before people buy.

I would advise the parents to call the attention of the boys and girls to this offer, for it is a straightforward business proposition for them, handled absolutely on the square and will do more to make real business people out of the boys and girls than anything I know of.

Good Success in Colorado

"Two years ago we received 100 Everbearing strawberry plants. Last spring enlarged our strawberry bed to twice its size and this spring will make it still larger. They are the finest berries of all. Last spring we received 12 Concord grape vines and every one lived and grew well, also your collection of 5 hardy shrubs, all but the Snowball lived. And the American Beauty rose which we got of you is a wonder. It bloomed every month having 28 beautiful red blossoms and when we wrapped it up for winter there were three buds just ready to open but had frozen. We hope our fruit trees will do as well. We have tried cherry and plum trees before but never had any success. The soil here is quite heavy and we were surprised that everything we got of you grew so well. We had a fine garden last year using some of your seeds, and if our fruit trees grow you will probably receive an order for more trees next spring. Please send booklets as we are anxious to make our fruit trees a success. We irrigate all our garden. We recommend Henry Field Seed Co. to all our friends and neighbors. Yours truly,"

—A. C. Osmun, Forder, Colo.

Plants Alfalfa in Corn

"Dear Sir: Don't forget to send my Seed Sense and you will find a small order also enclosed.

I planted about 1 acre of alfalfa last year. I planted it in the corn at the last cultivation. It sure is fine and I want to plant some more this year.

Yours truly,"—John Welk, Elijah, Mo.

Orders in Time

"As I see that you are to pull off a big stunt in the Kansas City Star of this date (Feb. 5th), I am sending in a little order today so as to be ahead of the main rush. I never think of placing a seed order any more other than with the Henry Field Seed Co. Last year we put off ordering and planting time came. We rushed to the Cross-Roads store and purchased some of those 'hand me down' consigned by a certain, no-matter-who, to sell on commission.

We got results, as usual. Something like 50 per cent of a stand. Our experience with your seed has been around the 100 mark.

And, say Mr. Field, don't you think it would be a good advertising policy on your part, to send Seed Sense to every customer or purchaser of seed from you? You know the old adage, 'Out of sight, out of mind.'

Expect to send another order later.
Yours truly,"—J. A. Littrill, Dryfork, Ark.

Some Good Cabbage Information

"Dear Sir: The cornbelt cabbage did well. The heads were solid and fine grained, and I had clean cabbage at that. Occasionally, say from 3 to 5 days, I would take my pepper shaker, and dust some ground pepper over the heads. That kills the worms and keeps the butter-flies away. I used about 10c worth of pepper for the season. So I got plenty of sauerkraut, and have the finest kind of fresh cabbage when ever I want it until spring. I will tell you how I keep my fresh cabbage. I pull it up root and all, and transplant it into my cellar. I set it in rows moistening the ground thoroughly at the time, and about once a month thereafter to keep the ground not wet but damp. I do this work when the cabbage is dry, and avoid getting the water into the heads while transplanting or later.

—John H. Fedler, Panama, Iowa.

Likes Our Promptness

"Dear Sir: Enclosed find 17c in stamps to balance my account. The seed arrived O. K. and about two or three weeks before I expected it. I will have to give it to you for being exceedingly prompt, any time of the year. That is just one thing why I like to deal with you. I'll not try at this time to tell you the other 100 reasons why I like to deal with the Henry Field Seed Co. Well here is wishing you a prosperous year in 1919. Yours truly,"

—C. P. McKamey, What Cheer, Iowa.

Sudan Was Cut Four Times

"Dear Sir: I am going to tell you I got 8 pounds of Sudan from you last year. I put it on good bottom land and it came up all right. It did well, cut it 4 times. I found it proved to be unmixed seed, just as you stated and I find you are straight, so wish to send more orders. I can get seed cheaper on account of being nearer me, but I want to make sure it is pure seed, so I am staying with you. Please give me your best terms on seed, as I have listed on the other page!"—K. D. Watkins, Langley, Ark.

Boys' Watermelon Collection

For a good many years we have been furnishing the boys a mixture of watermelon seed in good fat packages. I have taken about 25 kinds of melons and made a thorough mix of them. You boys can have a sample of all kinds in one patch.

A single small packet of seed is not enough for a hungry boy to start with so I am putting this up in packages of over an ounce. I guess there must be enough in one of them for 100 hills of melons—50 hills anyway. There is nothing that fits a boy so well as watermelon and he might just as well grow them himself. Price, large packet, 10c.

Garden Looks Like Pictures

"Dear Friend Field: I have planted the seeds from your seed house for the last twelve years and have found them all right. My friends come and see my garden. Well, they say how can you get your garden to grow and do so well. I tell them your good seed and a good piece of ground makes a good garden. They say well it looks almost like John A. Salier has in his catalog. I must close. Here are the names that would like to get your catalog. Yours truly,"

—Mrs. L. E. Ringsaker, Lidgerwood, N. D.

Spotted Poland China Hogs

In your last copy of Seed Sense you asked for some information regarding the SPOTTED POLAND CHINA HOG, well, I can tell you a few things about him that will probably be interesting. The Spotted Poland China is an American bred hog, originating in the Ohio valley away back in 1835, or thereabout, and is the ORIGINAL Poland China. They are great long, deep bodied, wide fellows, of very gentle disposition.

They have wonderful vitality, are good rangers, extra prolific, and from a feed lot standpoint, the point from which all hogs must be judged, they are first. The Spotted Poland China can be finished off at any time. He can be made into a fine packing house animal, and FAT, weighing around 200 lbs. at 6 months of age, or you can feed him and grow him, and make a nine months old hog weighing 350 lbs., or keep him a year and have 450 or 500 pound pork hog.

The Spotted Poland China has been dubbed, "THE HOG THAT FILLS THE PORK BARREL AND PUTS A BALANCE IN THE BANK," and in my own personal opinion they are all of that and more, and if there are any other questions you would like to ask that I can possibly answer (about Spotted Poland Chinas) just shoot away and I will do the best I can to answer them, or find one who can.

I guess I had better fill out my order and quit before I run you nuts, for the folks say when I get to taking hogs, nothing in the world can stop me. With best wishes for a prosperous year, I am

Soy Beans Make Rich Cream

"The soy beans has come to stay and it is fine for milk cows for you have better cream tests and that is what counts, also more cream."

—Mrs. S. A. Timmons, Wheeling, Me.

How Much Could You Pay Down on a Wheelhoe?

All right, send it along, and we will ship you the wheelhoe you want at once and let you pay the balance as you can earn or save the money.

H. F.



Now Here's What I Am Getting At

If you can make a fair first payment down, say one-fifth of the price, I will sell you any wheelhoe or drill you want, at our regular prices as given in the catalog, ship it to you at once so you can start using it, and you can pay the rest at the rate of one-fifth of the price each month following. (This offer does not apply to tools priced at less than \$5.00.)

There will be no extra charges and no red tape. It's simply a plain credit proposition, giv-

Yes, I mean it and no joking. I am a great believer in wheelhoes, and am certain that there ought to be one in every garden. They are a real necessity. But I realize that they cost money, and more money than lots of people have on hand all together at one time.

I have been studying the orders and inquiries for wheelhoes, and I find that the greatest reason and in fact about the only reason most people do not buy, is the comparatively big initial cost. They know the tool would soon pay for itself in more and better garden easier planted and tended, but the cash outlay to start with is the rub.

It's mostly women or boys who want them and I know women and boys, sad as it may seem, are not blessed with much ready cash as a rule. They earn money easily, but there are plenty of places to put it, and it won't keep.

ing you a chance to pay for the machine out of your egg money or your wages, or out of your garden, or any way you please.

Make It Pay for Itself

The best part of it is, the machine will pay for itself in more and better garden, and I am giving you time to let it do that. I have faith in the machine and faith in you, and I don't believe either one of you will go back on me.

If You Want a Wheelhoe or Drill, Fill in the Coupon Below

To Henry Field Seed Co., Shenandoah, Iowa

Date _____

Please ship me at once the following garden implement

Price _____

I enclose herewith \$_____ (one-fifth of the purchase price) and will pay the balance at the rate of one-fifth of the price each month until all paid. It is understood the tool is to remain your property until fully paid for. It is also understood that if the tool is not fully satisfactory I may return it anytime within 10 days after I receive it, and the money I have paid will be refunded.

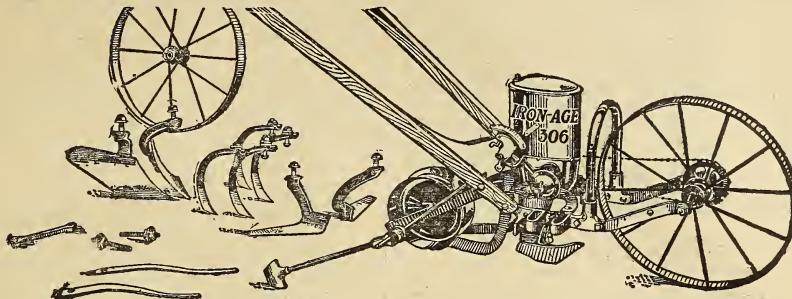
Name _____

Postoffice _____ State _____

Shipping Station, (if different from P. O.) _____

References _____

IRON AGE Garden Implements



Iron Age No. 314 (without plows) \$20.50

or No. 306 (with plows as shown) \$22.00

IRON AGE Combined Hill and

Drill Seeder, Double Wheel Hoe

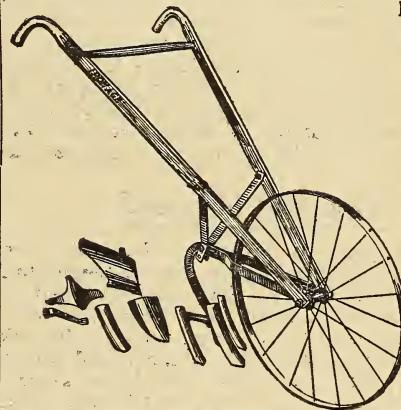
It is on the style of the Planet, Jr., implements that are so well known, but is in my opinion much better. It is a combination tool and can be used as a drill or as a wheel hoe and is a success either way, which is not always the case with combination tools. It is remarkably durable and hard to break, being made of malleable iron instead of castings.

The wheels are high and do not choke easily. It will drop either in a hill or drill and is easily adjusted. I strongly advise it as being superior to any other garden tool made. Complete with all attachments shown except the plows \$20.50. If shipped with plows it is a No. 306 and costs \$22.00.

Good Tools for Garden

It is a curious fact that the farmers who will have nothing but the very best of farm tools, such as riding plows, cultivators, seeders, etc., will use in his garden the same old implements that were used by his father and grandfather, or, what is worse yet, makes his wife use them. There has been just as much improvement in garden tools as in other lines, but few farmers seem to be aware of it. With modern tools a garden can be tended in less time and in much better shape than by old methods. Besides, here is the finest part of it, the boys will do it and do it gladly, for it is a well-known fact that a boy is generally crazy to run any machine that has wheels on it. It is the old drudgery of the hoe, rake and weeder that has disgusted him with gardening. Plant your garden in long, straight rows with a good drill and tend with a wheel hoe, and you will have by far the best garden you have ever had.

Iron Age
No. 19C
\$6.50



The cultivating tools include: The Landslide Plow, Scuffle Hoe, Two separate Cultivator Teeth, Set of Cultivator Teeth. Price \$6.50 Complete.

Wheel Cultivator and Plow

No. 19C \$6.50

If you have never tried a Wheel hoe for your garden, get one of these and see how easy it is to keep your ground under perfect cultivation. It is a low-priced tool and will always be a convenient tool to have for many kinds of work.

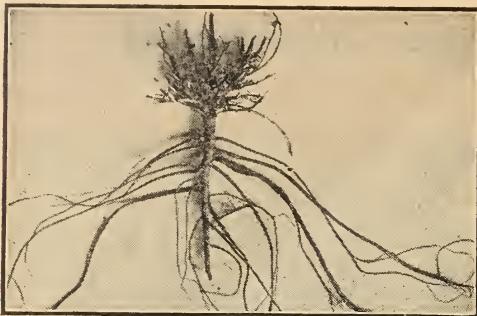
Many market gardeners use several of these tools and find their use very profitable—a simple solution of the cultivation problem.

IRON AGE Double Wheel Hoe

and Cultivator. No. 13.

No. 13. Price \$10.50

For parties who wish a wheel hoe and cultivator independent of the drill, this No. 13 Iron Age is the best thing to be had. It is a two-wheeler, working both sides of the row at once. It has two pairs of cultivator teeth and a pair of wide hoes. Price \$10.50.



Alfalfa Plants

Grimm, Baltic, Orenburg or Cossack. We have all of them in our block of Alfalfa plants.

All of these are very hardy, and most of them show more or less of the branched or lateral roots. This makes them able to grow on hard pan land, and also saves them from heaving out.

Plants are from a patch drilled in rows last May, to grow plants to sell for transplanting. They bring their own inoculation with them.

We sell the plants of all four varieties the same, \$1.00 per 100 postpaid. Large lots at less prices.

Plenty of Hayseed

Hay is going to be some object this year, and we will all have to plant lots of rough stuff for forage and fodder. Stuff that you plant on waste land or as a catch crop where you have failed to get a stand of other crops. We look for an enormous demand for cane, and millet, and kaffir, and all such crops late in the season. Along in May and June there will be the worst rush you have ever seen, stocks low, and prices rising. Remember how it was last year. We refunded thousands of dollars, late. Better get busy and order while you can. We have big stocks on hand now and can make these prices, for quantities. Small lots higher.

Fodder Cane-----	\$2.50 to \$3.00 per bu.
Millet (golden)-----	3.50 " "
Kaffir and Milo-----	3.36 " "
Sudan Grass -----	.20 per lb.
Dwarf Essex Rape-----	.15 " "
Soy Beans-----	5.40 per bu.
Feterita-----	3.92 " "
Fodder Millet-----	3.00 " "
Ensilage Corn-----	3.50 " "
Buckwheat-----	3.00 " "

Seeds Good in Arkansas

"Your seeds were recommended to us by Mr. Geo. D. King of this place but who formerly lived in Shenandoah, Iowa, two years ago. We had already ordered our seeds from Peter Henderson, of Philadelphia, from whom we have bought for a number of years, but we ordered a small order from you that year and Mr. King gave us a few seeds. We liked them so well that we ordered almost all the seeds we used from you last year as we found them better adapted to this climate, southern Arkansas. Three weeks ago we ordered \$2.50 worth of you for an early garden. We sent the order Monday morning and received the seeds Saturday morning. I planted a cold frame in cabbage, lettuce, radishes and beets and everything has come up except the beets. We expect to order everything for our garden from you this year. Yours truly,"

—B. L. Gardner, Camden, Ark.

Immigrants That Prosper Here

There are several classes of immigrants of which no records are kept by the department over which the United States Commissioner of Immigration presides; but they are immigrants that, in their own quiet way, have done much to make the new world more like the old. These are trees and plants; and if the new world has drawn somewhat heavily on the old in this particular, it has paid its debt in kind, as may be seen by the following list:

The chestnut came from Italy.
The onion originated in Egypt.
The nettle is a native of Europe.
The citron is a native of Greece.
Oats originated in North Africa.
The poppy originated in the East.
Rye came, originally, from Siberia.
Parsley was first known in Sardinia.
The pear and apple are from Europe.
Spinach was first cultivated in Arabia.
The sunflower was brought from Peru.
The mulberry-tree originated in Persia.
The gourd is probably an Eastern plant.
The walnut and peach came from Persia.
The horse-chestnut is a native of Thibet.
The cucumber came from the East Indies.
The quince came from Crete.
The radish is a native of China and Japan.
Peas are of Egyptian origin.
Horse-radish is from southern Europe.

—From Auto Era, Feb. '19

Seeds Are True to Name

"I have used a variety of your garden seeds each season for the last three years which have been proven entirely satisfactory in every instance. I know that I can depend upon nice clean, fertile seeds, true to name, and entirely as represented in your catalog. What more could a Gardener ask of a Seedsman?"—C. F. Mentzer, Stonehorn, Colo.

Fine Success in Arkansas

"Dear Sir and Friend: As it is raining and dark and gloomy, thought I would write and maybe dispel some of the grouchiness. Well, friend Henry, I have been planting your seeds for four years and find them O. K. as good as money can buy, and my wife thinks if it wasn't for Field's seeds, we surely would starve. Now, friend Henry, my son, J. A. Billingsley, obtained some alfalfa seed from you last spring and sowed it. We had the worst drouth in the history of this country and I did not believe the little tender plants could live thru it but to my surprise they came up and are doing well, yet, so we almost made up our mind to sow 2 to 3 acres this spring. I have some rich river bottom land that I believe will grow it, so you may get an order from me for seed, as I want the genuine, Simon, pure stuff or none. Once several years ago I sowed 100 pounds of your Pasture Mixture and I wish you could have seen it. It was simply fine. When cows were grazed on it they just had to be milked or they would overflow, see? Now if the drouth hadn't been so severe I would have sown quite a patch of grass this year, but as it is guess I'll have to wait till another time. We have just sent you a little order for seeds. Guess I had better ring off for this time. As ever your friend,"

—J. R. Billingsley, Gravelly, Ark.

When you order Inoculating Bacteria be sure to state what you want it for. We get a surprising number of orders that do not state what plant it is wanted for. In this case we must write the customer which delays the filling of the entire order as well as the Bacteria which could just as well went along with the rest of the stuff.

Garden Seeds on the Cafeteria Plan

Low Prices—Quick Service—Wait on Yourself

Did you ever eat at a Cafeteria? One of these places you know where you walk along the counter, pick out what you want to eat, pay the cashier, carry your stuff to a table, and eat and run.

It's a fine way to do. Saves money, time, work, and seems to make everybody happy. You get your money's worth, get just what you want, and don't take all day about it either. I always did like it. I have a theory that the same thing can be worked out in seeds.

So I have made up a list of garden seeds on the other side of this sheet—standard stuff that is all good and that ought to all be in every garden. Everything is described but I have not bothered you with the names of the varieties. You have my word for it that they are all good proven kinds, the bread and butter stuff that everyone buys.

My idea is to get right down to first principles. Put a low price on everything, handle it in the simplest possible manner, cut out all lost motion, and figure on a small profit but lots of sales.

Simply go through the list and mark what you want, putting down opposite each item the price it comes to, then tear out the list, put in a money order or check or stamps for the total amount and mail it to me. You'll get the seeds back so quick it will make your head swim.

We have these seeds all put up ready, in a special set of cases, and *every one of these orders will be filled the same day it lights.* That is, provided it comes in on this special order blank, paid in full, and with nothing else on the sheet with it. Of course you can order all the other stuff you want, but put it on a separate order sheet.

Everything will be in regular big fat packets, our regular guarantee, fresh tested seed of good standard varieties. It will not be special small packets nor outlaw seed. Not on your life. It's the real stuff, the Henry Field kind.

We are trying to see if people will like this way of buying, and will appreciate low prices, quick service, and "help yourself" methods. We can give it to you in this way—a short list, standard varieties, standard sizes, and wait on yourself plan.

Now it's up to you. If you like this way of buying seeds, all right. If not, all right. No harm done. I know the idea of this is right, and I know I am offering you a bargain. The rest is up to you. Henry Field.

P. S. I want your seed order anyway, whether you order from this special list or from the regular list. The book is full of all kinds of good stuff and there is another order sheet further over. It will suit me if you send them both in, both full up. Whatever way you order I will give you your money's worth and good service. H. F.

Free flower seed with
orders of \$1.00 or over

Short Order List

See other side for
particulars

Popular Garden Vegetables

At 5c per Pkt. 11c per Oz.
(Fill in the price of amount wanted)

Asparagus.	A good variety-----
Beets.	For table use-----
Beets.	Mangels for stock-----
Carrots.	For table use-----
Carrots.	For stock feeding-----
Cucumbers.	Small for pickles-----
Cucumbers.	Large for slicing-----
Lettuce.	Loose fluffy leaf-----
Lettuce.	Cabbage head sort-----
Lettuce.	Red leaved-----
Parsnips.	Long and smooth-----
Pumpkins.	For table use-----
Pumpkins.	For stock-----
Radish.	Early round red-----
Radish.	Early long red-----
Radish.	Long white-----
Radish.	Large late or winter-----
Salsify.	Or vegetable oyster-----
Squash.	Large for winter use-----
Squash.	Early summer bush-----
Turnips.	White for table use-----
Turnips.	Yellow for table use-----
Muskmelon.	Nutmeg, green meat-----
Muskmelon.	Nutmeg, yellow meat-----
Muskmelon.	Large green meat-----
Muskmelon.	Large, yellow meat-----
Watermelon.	Extra early-----
Watermelon.	Extra large-----
Watermelon.	Extra high quality-----
Collards.	For the south-----
Mustard.	For early greens-----
Rhubarb.	Or pieplant-----
Citron.	For preserves-----
Okra.	Or gumbo-----
Sunflower.	For hen feed-----

Peas, Beans and Sweet Corn

At 5c per Oz. 11c per $\frac{1}{4}$ lb.
(Fill in the price of amount wanted)

String Beans.	Green podded-----
String Beans.	Wax podded-----
Bush Lima Beans.	Small, early-----
Bush Lima Beans.	Large, late-----
Field Beans.	White or navy-----
Field Beans.	Brown or Pinto-----
Pole Beans.	Green podded-----
Pole Beans.	Lima or Butter-----
Peas.	Extra early dwarf-----
Peas.	Early dwarf-----
Peas.	Tall, large, late-----
Sweet Corn.	Extra early-----
Sweet Corn.	Intermediate-----
Sweet Corn.	Large, late-----
Popcorn.	For the children-----
Peanuts.	For the children-----

Small Seeds in Packets Only

5c per Pkt. (as many as you want)
(Fill in the price of amount wanted)

Celery.	Good kind for garden-----
Cabbage.	Early pointed head-----
Cabbage.	Early flat head-----
Cabbage.	For fall use-----
Cabbage.	Late or winter-----
Eggplant.	Purple-----
Peppers.	Small, hot-----
Peppers.	Large, sweet mango-----
Onions.	Large, red-----
Onions.	Large, yellow-----
Onions.	White-----
Onions.	White for pickles-----
Tomatoes.	Early red-----
Tomatoes.	Large red main crop-----
Tomatoes.	Pink or purple-----
Tomatoes.	Large, yellow-----
Tomatoes.	Small, yellow-----

To HENRY FIELD SEED CO., Shenandoah, Iowa

Please send me at once, by return mail, the seeds marked above for which I enclose in payment \$-----

Name _____ P. O. and State _____

Condensed Postpaid Price List

For 1919

This is a condensed list of all the garden seeds that are described and priced in the 1919 catalog. I have written short descriptions here of each item and put down the correct postpaid price.

Everything is listed here, and the prices are the same as in the body of the catalog. You can make up your order from this even better than from the complete catalog, as it is easier to get at.

Wholesale Prices. Write for special prices on large amounts of garden seeds to come by freight or express at your expense.

I Guarantee Safe Arrival of all money sent to me by check, draft or money order, or registered letter,

and I guarantee safe arrival
any reason goods fail to arrive.

These Prices are Postpaid.
specified, these prices include postage, delivered anywhere in the U.S.

How to Send Money. You can do it any way you please, only it is not safe. Silver, and loose stamps are a nuisance. Most sure to break out of the envelope unless well wrapped.

Send Money Order, Draft or Check if you next best is paper money in a registered letter. If living there, send silver in a card wrapper and use as last resort, stamps. Canadian stamps we can't use.

ASPARAGUS

(See Page 88)

Pkt. Oz. $\frac{1}{4}$ lb.

Bonvalett's Giant. Very early and tender	10	20	55
Columbian Mammoth White. Has large white or light green stalks	5	10	30
Conover's Colossal. Standard sort; large green stalks	5	10	30
Palmetto. Very desirable, bright green stalks	5	10	30

BEANS

(See Page 6)

Dwarf or Bush, Green Pod Snap. Black Valentine. Very early; resembles Round Pod Valentine.	Pkt. Oz. $\frac{1}{4}$ lb. lb. 3lbs.	5	15	50	1.35
Stringless Green Pod. Very prolific and tender; round pods	7	15	50	1.35	
Early Six Weeks. Early, flat pod	5	15	50	1.35	
Field's First Early. Very early, large, flat pod, heavy yielder	10	18	60	1.60	
Giant Stringless Green Pod. Round pod	5	15	50	1.35	
Refugee, or 1000 to 1. Late, heavy yielding, round pod	5	15	50	1.35	
Round Pod Valentine. A splendid well known early variety	5	15	50	1.35	

BEANS

(See Page 8)

Dwarf or Bush, Wax or Yellow Pod	Pkt. Oz. $\frac{1}{4}$ lb. lb. 3lbs.			
Challenge Black Wax. Small round pod, prolific, very early	5	15	50	1.35
Davis' White Kidney Wax. Large, flat pod; good shelling or snap	5	15	50	1.35
Golden Wax. Medium size, flat pod of good quality	7	15	50	1.35
New Stringless Yellow Pod. Medium size, round, tender pods	7	15	50	1.35
Perfection Wax. Large, long, straight pod, prolific, late	5	15	50	1.35
Round Pod Kidney Wax	10	18	60	1.60
Sure Crop Wax	10	18	60	1.60
Wardwell's Kidney Wax. Early, large flat pod; does not rust	5	15	50	1.35
Pencil Pod Black Wax. Round pod for home use	5	15	50	1.35

BEANS

(See Page 9)

Bush Varieties for Shell Beans	Pkt. Oz. $\frac{1}{4}$ lb. lb. 3lbs.
Wilson's Bush Lima (See page 7)	15 25
Burpee's Bush Lima. Good bean, but requires long season	5 15 50 1.35
Dreer's Bush Lima. Quality and yield good, bush low and spreading	5 15 50 1.35
Dwarf Horticultural. Shell bean	5 15 50 1.35
Fordhook Bush Lima. Best large-podded bush lima	7 18 60 1.60
Henderson's Bush Lima. Very prolific, small bean	5 15 50 1.35
Red Kidney. Used as shell bean	5 10 35 .90
White Kidney. Similar to above but has white seeds	5 10 35 .90
White Wonder. An improvement on the old navy field bean	5 10 35 .90
Tepary. Dry weather navy bean	5 10 35 .90
Great Northern	5 15 45 1.20

POLE BEANS

(See Page 10)

Green Podded	Pkt. Oz. $\frac{1}{4}$ lb. lb. 3lbs.
Cutshort or Cornhill. Short, straight pod, thrifty vine, late	5 15 50 1.35
Dutch Case Knife. Large-podded, white-seeded, prolific	5 15 50 1.35
Horticultural or Cranberry. Medium	

and I guarantee safe arrival,
any reason goods fail to arrive.

These Prices are Postpaid.
specified, these prices include postage, delivered anywhere in the U.S.

How to Send Money. You can do it any way you please, only it is not safe. Silver, and loose stamps are a nuisance. Most sure to break out of the envelope unless well wrapped.

Send Money Order, Draft or Check if you next best is paper money in a registered letter. If living there, send silver in a card wrapper and use as last resort, stamps. Canadian stamps we can't use.

Pkt. $\frac{1}{4}$ lb. lb. 3lbs.

long pods; late 5 15 50 1.35

Improved Missouri Wonder. Early; heavy yielder, splendid quality 10 20 65 1.65

Kentucky Wonder. Long pod; early 7 18 60 1.60

White Creaseback. Small pod, late 5 15 50 1.35

Lazy Wife. Late except in south. Crop failure

White-Seeded. Kentucky Wonder. Medium large pod, fair yielder 5 15 50 1.35

POLE BEANS

(See Page 11)

Wax Podded. Pkt. $\frac{1}{4}$ lb. lb. 3lbs.

Golden Cluster Wax. Medium early 7 18 60 1.60

Kentucky Wonder Wax. Pods long and broad. Quality fine; early 7 18 60 1.60

POLE LIMAS

(See Page 12)

Pkt. $\frac{1}{4}$ lb. lb. 3lbs.

Extra Early Lima. Small; yields enormously; earliest pole lima 5 15 50 1.35

King Lima. Large, high quality 5 15 50 1.35

Seibert's Early Lima. Earlier than King Lima; of high quality 5 15 50 1.35

BEETS

(See Page 13)

For Table Use Pkt. Oz. $\frac{1}{4}$ lb.

Blood Turnip. Main crop; roots flat 7 20 55

Crimson Globe. Smooth, globe-shaped

ed, medium early 10 20 55

Crosby's Egyptian. Early, smooth, flat, globe-shaped, bright red 7 20 55

Detroit Dark Red. Early, dark red, round, smooth 10 20 55

Eclipse (Special Strain). Early, bright red, globe-shaped 10 20 55

Extra Early Flat Egyptian. Very early, small tops 7 15 45

Long Blood. Late; flesh dark red 7 18 50

BEETS

(See Page 14)

Oz. $\frac{1}{4}$ lb. lb.

Giant Feeding Sugar. Rich in protein and sugar; good size 7 25 90

Golden Tankard Mangel. Medium size, easily harvested 7 25 90

Genuine Sugar Beet, formerly Klien's Wanzleben 7 25 90

Mammoth Long Red Mangel. Yields enormously, large and long 10 30 1.00

Giant Slidstrup. Very high feeding value; yields well Crop failure

CARROTS

(See Page 15)

Pkt. Oz. $\frac{1}{4}$ lb.

Chantenay. Early and tender, medium size, stump root 7 20 55

Danver's Half Long. Follows Chantenay, yields well, good quality 10 25 65

Long Orange. Late, very tender 7 20 55

Oxheart. Short, stump root, early 10 25 65

White Belgian. Pointed; for stock 5 15 40

White Vosges. Late stock carrot 5 15 40

Yellow Belgian. Like White Belgian 5 15 40

CELERY

(See Page 28)

American Grown. Pkt. Oz. $\frac{1}{4}$ lb.

Giant Pascal. Large, late variety 7 40

Golden Self-Bleaching. A creamy white, easy to bleach 10 75 2.40

White Plume. Tender, delicate flavor 10 50

CABBAGE

(See Page 15)

Pkt. Oz.

All Head Early. Large, flat heads, full in center, second early 10 75

All Seasons. Mid-summer or late 7 75

	Pkt. Oz.
9 75	
10	
Very	
15 1.00	
on, flat 7 65	
Extreme	
12 90	
arly, round Crop failure	
Medium, early,	
ad 10 85	
stat. Medium early,	
ads 10 75	
Early Summer. Flat	
edium size 5 75	
nan. Early round heads, best	
early cabbage grown 20	
Late or Main Crop	(See Page 16)
	Pkt. Oz. ¼ lb.
Autumn King. Large, flat heads 5 65	
Cornbelt. Large, solid, flat heads, good keeper 10 85	
Giant Drumhead. Very late, of immense size; heads rather loose 5 65	
Hollander or Danish Ballhead. Hard heading variety; does well north 10 85 3.25	
Large American Drumhead. Large, late, flat head 5 65	
Mammoth Red Rock. Splendid for pickles and cold slaw Crop failure	
Premium Flat Dutch. Large, solid, flat head, good keeper 10 75	
Savoy. Leaves crumpled and twisted Crop failure	
Succession. Midseason or late; rounding flat head 5 65	
Surehead. Large, flat head, good yielder, and good quality 10 85	
Volga. Large, round head, sweet 10	
CAULIFLOWER	(See Page 12)
Danish Crown. Pkt. ¼ Oz.	
Dry Weather (Copenhagen). Heads good size and compact 25 1.00	
Earliest Dwarf Erfurt. Long growing, medium sized head 15 75	
Snowball. Early, good size, reliable 20 85	
Danish Perfection. Early, compact, good size, and easily bleached 20 85	
CUCUMBERS	(See Page 22)
	Pkt. Oz. ¼ lb.
Chicago Pickle. Short, pickling sort 10 20 55	
Cool and Crisp. Early strain of White Spine 7 15 45	
Davis' Perfect. Long, green slicer 10 15 50	
Early Cluster. Short, good slicer 10 15 50	
Early Cyclone. Earliest of all, small 7 15 45	
Early Russian. Early and short good pickle 7 15 45	
Emerald. Large, late slicing, green 7 15 45	
Evergreen. Medium size, good all purpose variety 10 20 55	
Everbearing. Rather short. Early Russian superior 10 15 50	
Goliath. Very large, late variety 7 15 45	
Henderson's Perfected White Spine. Medium early, prolific, fine slicer 10 20 55	
Long Green. Large, long slicing 10 20 55	
White Pearl. Medium size, good for slicing 7 15 45	
White Spine. Medium long slicer, good cropper 10 15 50	
LETTUCE	(See Page 21)
	Pkt. Oz. ¼ lb.
Big Boston. Large, butter head, good shipper 7 15 45	
Black Seeded Simpson. Large, early, loose head 10 20 55	
Bronze Head. High quality 7 15 45	
California Cream Butter. Smooth leaf and small head; fine quality 10 20 55	
Grand Rapids. Good forcing, bunching variety. Very pretty 7 15 45	
Hanson. Cabbage head type; good summer variety 10 20 55	
Iceberg. Crisp head variety; large 7 15 45	
May King. Early, butter-head type 10 20 55	
New York or Wonderful. Dark green, solid head 7 15 45	
Prizehead. Reddish brown leaves. Quality fine, bunching 10 20 55	
White Heart Cos. Elongated head, medium size 7 15 45	

EGG PLANT

Pkt. Oz.

Black Beauty. Earliest large variety; rich glossy skin	10 75
Early Long Purple. Small but early. Crop failure	
New York Purple. Good size, pear shape; very popular	10 75

PEPPERS

(See Page 40)

Hot.	Pkt. Oz. ¼ lb.
Bouquet. Very small, grows in clusters; red hot	7 50
Cayenne. Long, hot pepper	10 60 2.15
Red Chili. Used extensively in south for chili sauce	7 50
Red Cluster. About on inch long, grows in clusters	7 50

PEPPERS

(See Page 40)

Sweet or Mango.	Pkt. Oz. ¼ lb.
Chinese Giant. Largest mango; late	15 75 2.40
Golden Queen. Medium sized yellow	Crop failure
Large Bullnose. Medium-sized early, red mango	10 65 2.25
Spanish Pimento. Genuine variety	7 50
Ruby King. Larger and thicker meated than the above	10 65 2.25
Sweet Neapolitan. Very early, medium-sized; prolific	7 50
Ruby Giant. In size between Ruby King and Chinese Giant	10 65 2.25

ONIONS

(See Page 31)

Australian, Brown. Stands dry weather well. Flat	7 25 .80
Barletta. Standard white pickler	7 50 1.85
Giant Prizetaker Large, mild, yellow	10 35 1.10
Globe Red Wethersfield. Globe strain of Red Wethersfield	10 35 1.10
Large Red Globe. Rich red in color and a heavy yielder	10 35 1.10
Mountain Danvers. Extremely early, slightly flattened, globe shape	15 45 1.25
New Queen. Small, early white	7 50 1.85
Ohio Yellow Globe. Very uniform; standard in the east	7 30 1.00
Red Wethersfield. Standard flat variety; heavy yielder	10 30 1.00
Silver King	7 50 1.85
Silver Skin or White Portugal. Early, medium size, early use	7 40 1.25
Southport White Globe. Large and late, good keeper	7 40 1.25
Yellow Danvers Flat. Very good yielder and keeper	7 25 .80
Yellow Globe Danvers. Runs very uniform in size and shape	7 30 1.00
Yellow Strasburg. Good variety to grow sets from	7 25 .80

ONION SETS

(See Page 35)

Red, Yellow and White Bottom. Any variety, by mail postpaid	15 30 .75
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PARSNIPS

(See Page 40)

Hollow Crown. Large, long, heavy yielder	10 20 60
Improved Half Long. Much like above, but some shorter	10 20 60

PEANUTS

(See Page 41)

Early Northern. Small, early prolific	15 25 45
Jumbo. Larger and later than above	15 25 45
Pkt. Oz. ¼ lb.	
Smooth Early.	Pkt. ¼ lb. lb. 3lbs.
Alaska. Best extreme early	5 15 45 1.20
Filbasket. Long, fat pod, follows Alaska and Improved Extra Early	5 15 45 1.20
Improved Extra Early. Good yielder, well-filled pods	5 15 45 1.20

PEAS

(See Page 37)

Smooth Early.	Pkt. ¼ lb. lb. 3lbs.
American Wonder. Very dwarf, high quality, early	5 15 45 1.20
Gradius. High quality, medium tall, large pod	5 12 40 1.05
Laxtonian. Very large, well filled pods, highest quality, fine dwarf	5 15 50
Little Marvel. Very high quality; good cropper; dwarf	5 15 50 1.35

CONDENSED POSTPAID PRICE LIST OF GARDEN SEEDS (CONTINUED)

PEAS (Continued)

	Pkt.	1/4 lb.	lb.	3 lbs.	
Nott's Excelsior. Similar to American Wonder	5	15	45	1.20	
Premium Gem. (Little Gem). Dwarf, medium sized pod; prolific	5	12	40	1.05	
Thomas Laxton. Like Gradus	5	12	40	1.05	

PEAS

(See Page 38)

	Pkt.	1/4 lb.	lb.	3 lbs.	
Advancer. Dwarf, medium-sized pod	5	12	40	1.20	

	Pkt.	1/4 lb.	lb.	3 lbs.	
Bliss Everbearing. Dwarf, strong growing, main crop	5	15	45	1.20	

	Pkt.	1/4 lb.	lb.	3 lbs.	
Champion of England. Very late, should be staked	5	12	35		

	Pkt.	1/4 lb.	lb.	3 lbs.	
Dwarf Champion. Good quality, prolific, dwarf	5	15	50	1.35	

	Pkt.	1/4 lb.	lb.	3 lbs.	
Dwarf Gray Sugar. To be used like snap beans	5	15	45	1.20	

	Pkt.	1/4 lb.	lb.	3 lbs.	
English Early. Dwarf, vigorous grower, large pods, of high quality	5	15	50	1.35	

	Pkt.	1/4 lb.	lb.	3 lbs.	
English Second Early. Very dwarf, large pods, fine	5	15	50		

	Pkt.	1/4 lb.	lb.	3 lbs.	
English Main Crop. High quality; lots of large pods	5	15	50		

	Pkt.	1/4 lb.	lb.	3 lbs.	
Horsford's Market Garden. Dwarf, medium-sized pod, hardy vines	5	12	40		

	Pkt.	1/4 lb.	lb.	3 lbs.	
Marrowfat. Late, tall, smooth seed	5	12	35		

	Pkt.	1/4 lb.	lb.	3 lbs.	
Stratagem. Large pods, high quality, late	5	15	45		

	Pkt.	1/4 lb.	lb.	3 lbs.	
Telephone. Very large pods, should be staked	5	15	45	1.20	

	Pkt.	1/4 lb.	lb.	3 lbs.	
Alderman. Like Telephone but better	5	15	50	1.35	

POPCORN

(See Page 41)

	Pkt.	1/4 lb.	lb.	3 lbs.	
Baby Golden. Very small, yellow	10	15	45		

	Pkt.	1/4 lb.	lb.	3 lbs.	
Little Giant. Small, white	10	15	45		

	Pkt.	1/4 lb.	lb.	3 lbs.	
Queen's Golden. Large, yellow sort	7	12	35		

	Pkt.	1/4 lb.	lb.	3 lbs.	
Monarch White Rice. Sharp-pointed grain; very popular	7	12	35		

PUMPKINS

(See Page 40)

	Pkt.	Oz.	1/4 lb.		
Big Tom. Large, heavy yielding field pumpkin	7	15	45		

	Pkt.	Oz.	1/4 lb.		
Buff Pie. Large, flat, good for pies or stock	7	15	45		

	Pkt.	Oz.	1/4 lb.		
Large Cheese. Standard canning, good for stock	7	15	45		

	Pkt.	Oz.	1/4 lb.		
Small Sugar. High quality for pie	10	20	55		

	Pkt.	Oz.	1/4 lb.		
Yankee Field. Large red cow pumpkin	7	15	45		

RADISHES

(See Page 44)

	Pkt.	Oz.	1/4 lb.		
Early Round Varieties.					

	Pkt.	Oz.	1/4 lb.		
Crimson Giant. Grows large and remains tender and sweet	10	20	55		

	Pkt.	Oz.	1/4 lb.		
Crimson Marble. Slightly flattened, globe-shaped; uniform	7	15	45		

	Pkt.	Oz.	1/4 lb.		
Early Round Dark Red. Very early, mild and sweet	10	20	55		

	Pkt.	Oz.	1/4 lb.		
Early Scarlet Globe. Bright red, comes quick	10	20	55		

	Pkt.	Oz.	1/4 lb.		
Early Bird. Similar to above	10	20	55		

	Pkt.	Oz.	1/4 lb.		
French Breakfast. Very early; gets pithy quick	7	15	45		

	Pkt.	Oz.	1/4 lb.		
Round White. Best round white sort	7	15	45		

	Pkt.	Oz.	1/4 lb.		
Scarlet Turnip White Tip. A very pretty early round radish	7	15	45		

	Pkt.	Oz.	1/4 lb.		
Sparkler. Special strain of above	10	20	55		

RADISHES

(See Page 45)

	Pkt.	Oz.	1/4 lb.		
Half Long and Long Varieties					

	Pkt.	Oz.	1/4 lb.		
Chartier. Long, red, good quality	7	15	45		

	Pkt.	Oz.	1/4 lb.		
French Forcing or Paris Beauty. Half long, bright scarlet, very early	7	15	45		

	Pkt.	Oz.	1/4 lb.		
Icicle. Very early, crisp, sweet medium, long, white	10	20	55		

	Pkt.	Oz.	1/4 lb.		
Lady Finger. A long white. Main crop	10	20	55		

	Pkt.	Oz.	1/4 lb.		
Long Brightest Scarlet. Intense bright, scarlet	7	15	45		

	Pkt.	Oz.	1/4 lb.		
Long Scarlet. Large, medium, late, good variety	10	20	55		

	Pkt.	Oz.	1/4 lb.		
Strasburg. Large, half long white, good summer radish	10	20	55		

	Pkt.	Oz.	1/4 lb.		
All Seasons. All of the above and more in mixture	7	15	45		

RADISHES

(See Page 45)

	Pkt.	Oz.	1/4 lb.		
For Winter Use.					

	Pkt.	Oz.	1/4 lb.		
Chinese Rose Winter. Standard for winter use	5	12	40		

	Pkt.	Oz.	1/4 lb.		
Chinese White Winter or Mikado. Very large; similar to above	5	12	40		

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CONDENSED POSTPAID PRICE LIST OF GARDEN SEEDS (CONTINUED)

TOMATOES (Continued)

	Pkt. Oz.
<i>Beauty. Main crop, pink, large, good canner</i>	7 40
<i>Mississippi Girl. Large, smooth, bright red</i>	10 75
<i>New Stone. Good size, solid, bright red; good canner</i>	10 45
<i>Matchless. Large, smooth, dark red</i>	7 40
<i>Livingston's Globe. Medium size, pink, high quality</i>	10 45
<i>Panderosa. Solid and meaty, very large, pink</i>	15 65
<i>Yellow Pear. Standard preserving</i>	10
<i>Yellow Ponderosa</i>	15 65

TURNIPS

(See Page 54)

	Pkt. Oz. $\frac{1}{4}$ lb.
<i>Amber Globe. Yellow-fleshed, main crop</i>	7 15 45
<i>Cowhorn. Long, white stock turnip</i>	7 15 45
<i>Extra Early Milan. Extra early, purple top turnip</i>	10 25 75
<i>Early White Milan. Very early, white flat turnip</i>	10 25 75
<i>Early Snowball. Name describes it</i>	7 20 60
<i>Purple Top Strap Leaf. Large, flat, for late planting</i>	10 20 60
<i>Purple Top Globe. Similar to above, but globe-shaped</i>	10 20 60
<i>Rutabaga, American Purple Top</i>	10 20 60
<i>Seven Top Turnip. For greens</i>	5 15 45
<i>White Globe. Large, late, sweet</i>	7 15 45

MUSKMELONS

(See Page 24)

	Pkt. Oz. $\frac{1}{4}$ lb.
<i>Banana. Long, yellow melon, fair quality</i>	10 20 65
<i>Bay View. Long, oblong, green-fleshed melon</i>	5 15 45
<i>Eurrell's Gem. (Extra fine pink meated, Rocky Ford</i>	7 15 50
<i>California Cream Gantaloape. Large old fashioned yellow variety</i>	7 15 50
<i>Emerald Gem. Medium sized, salmon-fleshed, fine quality</i>	5 15 45
<i>Extra Early Hackensack. Said to be ten days earlier than Hackensack</i>	7 15 50
<i>Field's Daisy. Yellow fleshed, highest quality</i>	15 35 1.00
<i>Green Meated Nutmeg. Medium sized melon, good quality</i>	10 20 65
<i>Greeley Wonder. Large, early, yellow flesh</i>	15 35 1.00
<i>Hackensack. Large, round melon, green-fleshed</i>	5 15 45
<i>Honey Dew. A Casaba melon</i>	10 25 75
<i>Improved Rocky Ford. Southern type. Larger than Standard</i>	7 15 50
<i>Long Island Beauty. An improved Hackensack</i>	5 15 45
<i>Netted Osage. Salmon-fleshed</i>	7 15 50
<i>Osage. Thick, yellow flesh, fine quality</i>	5 15 45
<i>Perfection. Large, fine, yellow-fleshed melon</i>	10 25 75
<i>Rocky Ford-Pollock Strain. Special selection of Rocky Ford</i>	5 15 45
<i>Salmon-fleshed Rocky Ford. High quality, good shipper</i>	10 25 75
<i>Standard Rocky Ford. Best strain grown in Rocky Ford district</i>	10 25 75

WATERMELONS

(See Page 28)

	Pkt. Oz. $\frac{1}{4}$ lb.
<i>Alabama Sweets. Long, striped melon good shipper</i>	7 15 40
<i>Angel Kiss. Long, grey-colored</i>	7 15 40
<i>Cole's Early. Small, early, round, striped melon</i>	7 15 40
<i>Florida Favorite. Medium-sized, long striped melon</i>	5 12 30
<i>Fordhook Early. Rather short and blocky, solid red flesh</i>	5 12 30
<i>Golden Honey. Best yellow-fleshed</i>	10 25 65
<i>Halbert Honey. Long, dark green melon of finest quality</i>	10 20 50
<i>Harris' Early. Like Cole's Early but earlier</i>	7 15 40
<i>Iceberg. An improved Kolb's Gem</i>	5 12 30
<i>Ice Cream or Peerless. Medium early medium sized, for home use</i>	7 15 40
<i>Improved Kleckley. Selected strain, originated at Rocky Ford</i>	12 25 60
<i>Kolb's Gem. (Blue Gem). Nearly round, thick rind, good shipper</i>	5 12 30
<i>Kleckley Sweets. Large, oblong, dark green skin, thin rind, red flesh</i>	10 20 50

	Pkt. Oz. $\frac{1}{4}$ lb.
<i>McIvor's Wonderful Sugar. Long striped; fine quality, good shipper</i>	5 12 30
<i>Monte Cristo. Similar to Kleckley</i>	10 20 50
<i>Phinney's Early. Very early, small, fruit oblong and striped</i>	5 12 30
<i>Princess. Small, individual size</i>	10 25 65
<i>Halbert's Rubber Rind. High quality melon that will stand handling</i>	7 15 40
<i>Sweetheart. Large, round, light green, shipper</i>	7 15 40
<i>Tom Watson. High quality, good shipper, large</i>	10 20 50
<i>Boys' Watermelon Collection. Large pkts.</i>	10

VEGETABLES USED FOR GREENS

 (See Page 55) Pkt. Oz. $\frac{1}{4}$ lb.

	Pkt. Oz. $\frac{1}{4}$ lb.
<i>Collards. Popular in the south</i>	5 18
<i>Kale. Dwarf; low growings; belongs to cabbage family</i>	5 25
<i>Kale. Tall; stands 2 to 3 ft. high</i>	5 25
<i>Mustard. Black. Very early. Goes to seed soon</i>	5 15
<i>Mustard. Chinese Broadleaved. Large flat leaf, crumpled at edges</i>	5 18
<i>Mustard. Chinese Curled. Resembles Ostrich Plume</i>	5 15
<i>Mustard. Ostrich Plume. Well named</i>	5 15
<i>Mustard. -White. Grown for seed</i>	5 15
<i>Mustard. -Fordhook Fancy. Very finely curled</i>	5 15
<i>Spinach. Bloomsdale Savoy. Very early, good sized</i>	7 15 40
<i>Spinach. Giant Thick Leaf. Later than above and stands longer without going to seed</i>	7 15 40
<i>Swiss Chard Lucullus. Large fleshy crumpled leaf</i>	7 20 50

ODDS and ENDS

(See Page 53)

	Pkt. Oz.
<i>Chicory. Large rooted. A good substitute for coffee</i>	10 25
<i>Citron. Red Seeded. Small, striped preserving melon</i>	7 20
<i>Citron. Green Seeded. Round, light green</i>	7 20
<i>Endive. -Green curled. Dark green leaves, curly</i>	5 20
<i>Garden Lemon or Vine Peach. Valuable for preserves</i>	10 30
<i>Garlic. Tastes like onion, only more so. Per bulbs, 5c; per lb., 50c</i>	
<i>Ground Cherry. Yellow. Old fashioned yellow variety</i>	10 50
<i>Kohl Rabi. White Vienna. Turnip-rooted cabbage</i>	10 35
<i>Leek. Large Flag. Used for soups</i>	5 20
<i>Mushrooms. Lambert's Pure Culture Spawn. Brick 50c, 3 bricks \$1.25</i>	
<i>Okra. Mixed. Cook pods while young for soups</i>	7 15
<i>Parsley. Moss Curled. Used for garnishing and seasoning</i>	5 20
<i>Rhubarb or Pieplant</i>	5 20
	1/2 Pt. Pt. Qt.
<i>Sunflower, Mammoth Russian. Grown for chicken feed</i>	15 25 40
<i>Tobacco Dust, lb. 25c; 3 lbs. 65c. 12 lbs., express not prepaid, \$1.00</i>	

	Pkt. Oz.
<i>Tobacco, White Burley. Fine strain of this variety</i>	10 40
<i>Brussels, Sprouts</i>	10 25

HERBS (See Page 55) Pkt. Oz.

	Pkt. Oz.
<i>Balm. For making balm trees. Perennial</i>	10
<i>Borage. Leaves used for flavoring. Annual</i>	5
<i>Caraway. Seeds used for flavoring bread. Biennial</i>	10
<i>Castor Oil Plant. Seeds are pressed to obtain oil. Annual</i>	5
<i>Coriander. Seeds used in confectionery. Annual</i>	5
<i>Dill. Sown for dill pickles. Annual</i>	10
<i>Hoarhound. For seasoning and cough remedy. Perennial</i>	10
<i>Marjoram. Sweet. Perennial</i>	5
<i>Summer Savory. Used for seasoning. Annual</i>	10
<i>Sage, Mammoth Broadleaf. For seasoning and medicinal purposes. Perennial</i>	10
<i>Wormwood. Perennial</i>	5

Quality Prices on Peas, Beans and Sweet Corn

Select Your Canning Varieties From This List

We are printing these prices for the benefit of the *Market Gardeners* who buys in larger quantities. He has been paying rather stiff prices the last two or three years for these vegetables and prices quoted below are getting down to a living basis for him. We are not able to print the whole list as stocks are sold out on a good many varieties, however, what we list are among the very best standard varieties that we catalog.

Peas, beans, sweet corn and tomatoes are the principal vegetables canned. There are a number of others that can be preserved in this way but these four are the important ones. Seed for tomatoes is a small item. A package or so will be an abundance for an ordinary family and then some. However, on peas, beans and sweet corn, a larger quantity will be needed than is ordinarily bought by most people, therefore, we are making you quantity prices as shown below.

There was an immense amount of canning done last season and a great deal more will be done this season. With the more improved methods of preserving these vegetables, and the simplicity of the methods, people find that it is much more economical to do their own canning than to buy, to say nothing of the superior quality of what is canned at home.

An expensive canning outfit is not necessary. In fact, for the ordinary family, the washboiler and a dozen or so jar holders is all of the equipment that is needed. It would be nice to have a canning outfit and where neighbors go together, it would be well to buy one but for a single family a very simple equipment is all that is necessary.

Elsewhere, you will find some information in regard to quantities and a few other suggestions about what you should plant. Next month we will tell about the canning or tell you where you can get the information or possibly both. Anyway, we are going to see you through on this canning deal from the first to the last end of the season.

Prices are f. o. b. Shenandoah

Dwarf Green Pod Beans

Not prepaid
½ Gal. 1 Gal. 1 Pk.

<i>Stringless Green Pod.</i> Very prolific and tender. Round pods-----	.90	\$1.65	\$3.00
<i>Field's First Early.</i> Very early. Large flat pods. Heavy yielder. Green pods-----	.90	1.65	3.00
<i>Round Pod Valentine.</i> A splendid well known, early variety-----	.90	1.65	3.00

Dwarf Wax Podded Beans

<i>Davis White Kidney Wax.</i> A large flat pod. Good for shelling or snap pods. Prolific, very early-----	1.00	1.75	3.25
<i>Challenge Black Wax.</i> Small round pods. Prolific, very early-----	1.00	1.75	3.25
<i>Round Pod Kidney Wax.</i> A splendid new round podded variety. Very high quality-----	1.00	1.75	3.25
<i>Sure Crop Wax.</i> Used in place of Wardwell's and Perfection Wax which we are short on. A very high quality bean-----	1.00	1.75	3.25

Bush Varieties for Shell Beans and

Navies.

	Not prepaid	½ Gal.	1 Gal.	1 Pk.
<i>Burpee's Bush Lima.</i> A good bean	1.10	1.90	3.50	
<i>Henderson's Bush Lima.</i> Very prolific small early bean-----	1.00	1.75	3.25	
<i>Red Kidney.</i> Used as a shell bean-----	.85	1.60	2.75	
<i>White Kidney.</i> Similar to above but has white seed-----	.85	1.60	2.75	
<i>White Wonder.</i> An improvement on the old navy bean-----	.75	1.25	2.25	
<i>Tepary.</i> Dry weather navy bean-----	.75	1.25	2.25	
<i>Great Northern.</i> A new type of the navy bean. Early, good yielder-----	.75	1.25	2.25	

Pole Beans

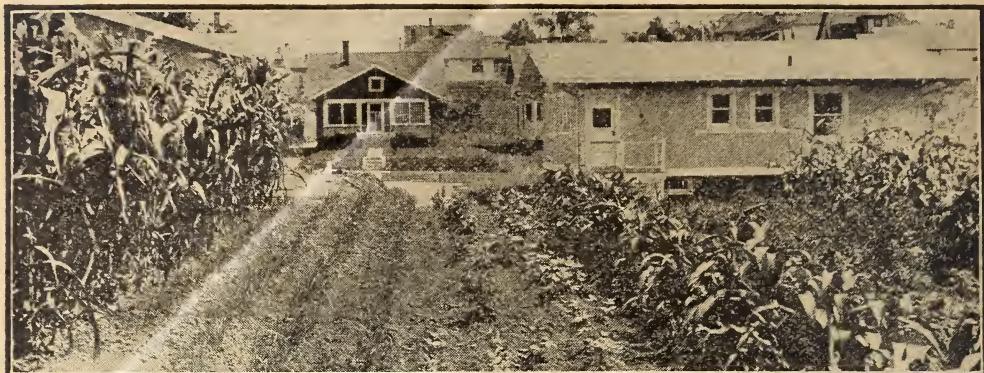
<i>Dutch Case Knife.</i> Large podded, white seeded, very prolific-----	1.00	1.75	3.25
<i>Horticultural or Cranberry.</i> Medium long pods. Late-----	1.00	1.75	3.25
<i>Improved Missouri Wonder.</i> Early, heavy yielder, splendid quality-----	1.10	1.90	3.50
<i>White Creaseback.</i> Small pods, late. Beans resemble navy beans-----	1.00	1.75	3.25
<i>White Seeded Kentucky Wonder.</i> Medium large pods, good yielder-----	1.00	1.75	3.25

Sweet Corn

<i>White Mexican.</i> (Sioux City). Best real early sweet corn-----	.85	1.60	2.75
<i>Adams' Extra Early.</i> Not a sweet corn; early and hardy-----	.50	.85	1.50
<i>Early Minnesota.</i> A large, early 8-rowed-----	.85	1.60	2.75
<i>Golden Bantam, Mountain Grown.</i> Splendid early, yellow at roasting ear stage-----	.90	1.65	3.00
<i>Early Champion.</i> Midseason, large-----	.85	1.60	2.75
<i>Early Mayflower.</i> Extremely early, good quality-----	.85	1.60	2.75
<i>White Mexican.</i> (Home Grown). Larger and larger than regular strain-----	.85	1.60	2.75
<i>White Evergreen.</i> Large, deep-grained, very juicy and sweet-----	.70	1.25	2.35
<i>Stowell's Evergreen.</i> Rank growing, large eared, late-----	.70	1.25	2.35
<i>Country Gentleman.</i> Small ear, high quality, deep grain-----	.85	1.60	2.75

Peas

<i>Smooth Early</i>			
<i>Alaska.</i> Best extreme early-----	.85	1.50	2.75
<i>Fillbasket.</i> Long, fat pod, follows Alaska and Improved Extra Early-----	.85	1.50	2.75
<i>Improved Extra Early.</i> Good yielder, well-filled pods-----	.85	1.50	2.75
<i>Wrinkled Early.</i>			
<i>Gradus.</i> High quality, medium tall, large pod-----	.90	1.60	3.00
<i>Little Marvel.</i> Very high quality; good cropper; dwarf-----	.90	1.60	3.00
<i>Premium Gem.</i> (Little Gem). Dwarf, medium sized pod; prolific-----	.90	1.60	3.00
<i>Thomas Laxton.</i> Like Gradus-----	.90	1.60	3.00
<i>Main crop.</i>			
<i>Grads Everbearing.</i> Dwarf, strong growing, main crop-----	.90	1.60	3.00
<i>Dwarf Champion.</i> Good quality, prolific dwarf-----	.90	1.60	3.00
<i>English Early.</i> Dwarf, vigorous grower, large pods, of high quality-----	.90	1.60	3.00
<i>English Second Early.</i> Very dwarf, large pods, fine-----	.90	1.60	3.00
<i>English Main Crop.</i> High quality; lots of large pods-----	.90	1.60	3.00
<i>Stratagem.</i> Large pods, high quality, late-----	.90	1.60	3.00
<i>Telephone.</i> Very large pods, should be staked-----	.90	1.60	3.00
<i>Alderman.</i> Like Telephone but better-----	.90	1.60	3.00
<i>Send along your order.</i>			



Uncle Sam's Idea of a Garden

There is everything to gain and nothing to lose in growing a good garden. Vegetables are a necessity. If you can grow them it will be economy to use vegetables instead of canned goods and other staple groceries which you must have if you do not use the vegetables.

If you consider your time too valuable to devote to gardening, you can afford and it will pay you to hire the work done in order to insure yourself a liberal supply of vegetables of better quality than you can buy.

Good vegetables cost money, yet they are within the reach of all if you will grow them. If

you are a farmer you can, by a little planning, do this work and never miss the time.

If you live in town and lack sufficient exercise to keep you in physical trim, this garden will serve a double purpose.

If your occupation gives you this exercise you will still need the garden for the money it will save you and the food it will provide you and your family.

People can and do get along without a garden but that does not signify anything. They need the vegetables both winter and summer and they can be had by a little work.

Novelty Collection No. 1—85c Postpaid

1 Pkt. Cabbage. Danish Summer Ballhead. Mid-season variety	15c
1 Pkt. Muskmelon. Field's Daisy. Very high quality	15c
1 Pkt. Onion, Mountain Danvers. Early, good keeper	15c

1 Pkt. Beans, Wilson's Bush Lima. Early	15c
1 Pkt. Tomato, Redhead. Smooth, bright red	20c
1 Pkt. Beet. Blood Red. Splendid main crop	15c

1 pkt. Beans. Sure Crop Wax. Long slender pod. Very tender

The above list totals \$1.05 and we will send it postpaid for 85 cents.

Large Backyard Collection No. 3—\$1.25 Postpaid

This is a splendid collection for a large	backyard garden.
vegetables in moderate quantities and has been	It contains all the important
1/4 lb. Sweet Corn	a good seller with us for a number of years.
1 pkt. Turnips	10
1 pkt. Early Cabbage	05
1 pkt. Late Cabbage	10
1 pkt. Muskmelon	05
1 pkt. Watermelon	05
1 pkt. Cucumber	05
1 pkt. Early Radishes	05
1 pkt. Late Radishes	05
1 pkt. Onions	10
1 pkt. Carrots	05
1 pkt. Parsnips	05
1/4 lb Popcorn	10
1 pkt. Tomatoes	05

1 Pkt. Beans, Wilson's Bush Lima. Early	15c
1 Pkt. Tomato, Redhead. Smooth, bright red	20c
1 Pkt. Beet. Blood Red. Splendid main crop	15c
1 pkt. Beans. Sure Crop Wax. Long slender pod. Very tender	10c

The above list totals \$1.05 and we will send it postpaid for 85 cents.

Complete Garden Collection No. 7—\$3.32 Postpaid

This complete collection will furnish a good	sized family with a steady supply of vegetables
throughout the season. If there are some items	you do not use you can give them to your neighbor.
neighbors and still be ahead as the discount is liberal	We have carefully selected varieties for a
succession so you will have no trouble there.	The quantities are also well balanced.
One quarter pound each Bush Snap Beans, Bush	Both hot and mango Peppers
Limas and Pole Beans	20c
One ounce Table Beets	A quarter pound of Popcorn
Packet of Carrots	12c
Packet of Celery	Early and late Squash, a packet each
Packet of early and late Cabbage	15c
Packet of Cauliflower	Succession of Radishes, 3 varieties, a pkt. each
Packet of an all purpose Cucumber	27c
Packet of Lettuce	Succession of Sweet Corn, 3 varieties, 1/4 lb. each
Packet of a good mild variety of Onion	51c
Packet of Parsnips	Early and a main crop Tomato, a packet each
Succession of Peas. 1/4 lb. each of 3 varieties	15c

Both hot and mango Peppers	20c
A quarter pound of Popcorn	12c
Early and late Squash, a packet each	15c
Succession of Radishes, 3 varieties, a pkt. each	27c
Succession of Sweet Corn, 3 varieties, 1/4 lb. each	51c
Early and a main crop Tomato, a packet each	15c
Early and late Turnip, a packet each	20c
Both watermelon and muskmelon, an oz. each	35c
A vegetable for greens which will be either mustard or spinach	5c

Total \$4.15. Special postpaid price \$3.32.

Price List of Seed Corn for 1919

Extra-selected seed, butted and tipped by hand, shelled and graded, tested before shipping and test marked on each sack. Prices f. o. b. here

Standard Varieties

	10 bu. Per bu.	5 bu. Per bu.	2 bu. Per bu.	Bu.	$\frac{1}{2}$ Bu.	Pk.	Gal.
Shenandoah Yellow	4.75	4.85	4.90	5.00	2.65	1.50	90
White Elephant	4.75	4.85	4.90	5.00	2.65	1.50	90
Reid's Yellow Dent	4.75	4.85	4.90	5.00	2.65	1.50	90
Boone County White	4.75	4.85	4.90	5.00	2.65	1.50	90
Shenandoah Special	4.75	4.85	4.90	5.00	2.65	1.50	90
Improved Calico	4.75	4.85	4.90	5.00	2.65	1.50	90
Cornplanter	4.75	4.85	4.90	5.00	2.65	1.50	90
Iowa Silvermine	4.75	4.85	4.90	5.00	2.65	1.50	90
White Imperial (red cob)	4.75	4.85	4.90	5.00	2.65	1.50	90
Early Corn—80 to 90 days							
Pride of the North	4.75	4.85	4.90	5.00	2.65	1.50	90
Silver King	4.75	4.85	4.90	5.00	2.65	1.50	90
Extra Early White Dent	4.75	4.85	4.90	5.00	2.65	1.50	90
Red 90 Day	4.75	4.85	4.90	5.00	2.65	1.50	90
Flint or Yankee Corn	4.75	4.85	4.90	5.00	2.65	1.50	90
White Australian	4.75	4.85	4.90	5.00	2.65	1.50	90
Fodder and Ensilage Corn							
Mammoth White Ensilage	3.50	3.60	3.65	3.75	2.00	1.10	60
Leaming Ensilage	3.50	3.60	3.65	3.75	2.00	1.10	60
Fodder Flint Corn	3.75	3.85	3.90	4.00	2.15	1.15	65
Early Dent Fodder Corn	3.75	3.85	3.90	4.00	2.15	1.15	65

Ear Seed Corn

(Same price as shelled corn, except for a 25c extra charge for boxing.)

In quantities of one bushel or over, we will furnish ear corn at the same price as shelled corn. The prices above are on the very best possible quality of seed, shelled, graded and sacked, ready for use in the planter. We can furnish the same corn in the ear at the same price. You will have the satisfaction of seeing it on the ear, but you will lose the shrink. It will cost you more freight and there is always some loss in shipping. It is absolutely the same quality in every way as the shelled corn and we see no reason for making any difference in price. The ear corn will be shipped in sacks the same as shelled corn, unless otherwise specified. If you want it packed in boxes, add 25c per bushel, the actual cost of boxes. Remember we cannot sell ear corn except in even bushels.

Seed Corn by Mail

Shelled seed, large packet 10c, pound 25c; 3 lbs., one variety, 65c. These prices apply to all varieties, anywhere in the U. S.

Grading

The grains, in all varieties except fodder corns, are graded to 1-5 inch in thickness and, either 20-64, 22-64 or 24-64 in width, according to variety. Absolutely no butt or tip or uneven grains in our corn.

Guarantee on Seed Corn

Of course I can't guarantee you a crop, for I can't be there to plant it and tend it, but you can take the seed home and examine it and test it and call in the neighbors; and if you feel that you have been beat, you can have your money back. That's fair. All I ask is, that you give me a fair shake on the deal and I will leave matters in your hands.

Certified Corn—Every Ear Tested

100 Per Cent

We can fill a limited number of orders, in all varieties, for "single ear tested seed." That is, we test each ear separately, taking out six grains sprouting them, and saving only the ears that show a good, strong sprout on each of the 6 grains tested.

We sell this single ear tested seed corn, either ear or shelled, with the guarantee that six grains from each ear have been tested, and that no corn is shipped that does not show a good strong sprout in three to five days from every grain tested. It should show a 100 per cent test for you, and if it does not you may return it and have every cent of your money back. Price, \$8.00 per bushel, either in the ear or shelled and graded.

Germination 94 Per Cent or Better

We do not expect to send out any seed corn that does not test for us at least 94 per cent. And that is good enough for anyone.

Sold Subject to Your Own Test

We sell it all subject to your own test and approval, and if it is not absolutely satisfactory to you in every way you can return it at our expense, and we will refund your money and pay the freight. You can't lose on a deal of that kind. You can have two weeks or a month to test it if you wish. All I want is for you to be satisfied in your own mind.

Safe Arrival Guaranteed

We guarantee safe arrival of seed corn to you, and in case any shipment arrives short or damaged, we will upon receiving proper proofs from you for filing freight claim, make good the loss to you, either by refilling or refunding, and collect the loss from the railroad.



Wholesale Net Prices April 1, 1919

Good to April 30, 1919 (Subject to stock being unsold)

On Clover, Alfalfa and Other Grass and Field Seeds Which Fluctuate in Price

Address all orders to HENRY FIELD SEED CO., Shenandoah, Iowa

We want Early Orders—So we have made these prices very low considering present conditions and market. We have based them on what the stuff cost us, not on what it would cost us to replace it. We have got the seed in the house, bought right, and up to April 30, if it lasts that long, we will sell at these prices. When it is gone and we have to buy more at higher prices, you will have to pay more, providing you can get the seed at all. Better buy now while the buying is good. Write for special quotations after April 30, or send your order and I will fill at lowest possible price.

Time Limit. Note that these prices are good only till April 30, 1919, and if you do not buy in that time you should write for our new prices. We reserve the right to cancel these prices when stock on hand is sold.

These prices are f. o. b. Shenandoah, customer to pay the freight. If you want delivered prices we will make a special estimate for you on request.

No extra charge for sacks, except for wheat and rye. All other seeds are sold "sacks weighed in." Remember this when comparing prices.

Prices are strictly net, spot cash, and no discount.

Safe arrival guaranteed. We guarantee that all seeds will reach you in good order.

Sold on Approval. These seeds are priced and sold with the understanding that if not found perfectly

satisfactory they may be returned at our expense and your money will be refunded. You can be the judge of quality.

Reference. First National Bank of Shenandoah, Ia.
Free Samples. We will gladly send free samples of any kind of seed quoted here.

Subject to Sale. All prices are subject to stock being unsold on receipt of order.

YOUR MONEY'S WORTH OR YOUR MONEY BACK

It is mutually agreed and understood that any seeds or other goods ordered of us may be returned at any time within ten days after receipt if not satisfactory and money paid for them will be refunded, but we do not and cannot in any way, warrant the crop, as it is dependent on so many conditions beyond our control.

HENRY FIELD SEED CO.

(Every item is extra fancy grade unless specified otherwise).	Per	Equals	Per	Equals
Clover Seed (60 lbs. per bu.)	100 lbs. per bu.		100 lbs. per bu.	
Alsike	Ask for prices		Sand or winter	22.00 13.20
Medium or Common Red	" "	" "	Spring	12.00 7.20
Mammoth Red	" "	" "	Field Peas (60 lbs. per bu.)	
White or Dutch	60.00	36.00	Whippoorwill Cow Peas	7.50 4.50
Sweet Clover (all hulled and scarified)			New Era Cow Peas	7.50 4.50
White Biennial	30.00	18.00	Mixed Cow Peas	7.50 4.50
Yellow Biennial	28.00	16.80	Canadian or Northern	7.50 4.50
Ask for prices on unhulled, unscarified and annual.			Soy Beans (60 lbs. per bu.)	
Alfalfa (all dry land northern grown, hardy)			Medium Yellow	9.00 5.40
Kansas-Nebraska, poor but honest	10.00		Extra Early Black	9.00 5.40
Kansas-Nebraska, first grade	15.00		Shingto	9.00 5.40
Montana Grown	28.00	16.80	Med. Early Brown	9.00 5.40
Dakota Grown	26.67	16.00	Morse	9.00 5.40
Grimm, Dakota or Colorado Grown	50.00	30.00	Small Grain (bags extra at cost on wheat)	
Timothy and Timothy Mixture (45 lbs. per bu.)			Winter Rye	2.25
Timothy, best home grown	13.00	5.85	Spring Wheat, Marquis	out
Timothy-Alsike mixture	15.00	6.75	Spring Speltz or Emmer	1.50
Timothy-Red Clover mixture	17.00	7.65	Barley	1.75
Blue Grass (all 14 lbs. per bu.)			Buckwheat	3.00
Kentucky Blue Grass	30.00	4.20	Oats, Iowa 103	1.00
Canadian Blue Grass	20.00	2.80	Field Beans (prices for large lots)	
English Blue Grass	28.00		White Navy	15.00 9.00
Other Grasses			Great Northern (large white field)	15.00 9.00
Red Top, fancy solid seed	18.00	2.52	Pinto (Colorado brown striped field)	12.00 7.20
" unhulled or rough seed	10.00	1.40	Tepary (dry landers)	12.00 7.20
Orchard Grass	out		Bunch Blackeye	15.00 9.00
Bermuda Grass	50.00		Sweet Corn (50 lbs. per bu.)	
Lawn Grass Mixture	30.00		Stowell's Evergreen	20.00 10.00
Permanent Pasture Mixture	15.00		Fodder (low grade)	10.00 5.00
Permanent Meadow Mixture	15.00		HOG PASTURE MIXTURE	7.00 3.50
Lowland Pasture Mixture	15.00			
Woodland Pasture Mixture	15.00			
Cane or Sorghum (all 50 lbs. per bu.)				
Syrup Cane, Orange (Short Orange)	15.00	7.50		
" " Wisconsin Amber	25.00	12.50		
" " Early Rose	15.00	7.50		
Fodder cane, Amber type	4.50	2.25		
" " Orange type	6.00	3.00		
" " mixed	4.50	2.25		
Grain Sorghums (all 56 lbs. per bu.)				
Kafir corn, white, black hull	6.00	3.36		
Milo Maize	6.00	3.36		
Feterita	7.00	3.92		
Broom corn, Evergreen	10.00			
" Oklahoma Dwarf	10.00			
Millet (50 lbs. per bu.)				
Golden	6.00	3.00		
Common or fodder	4.00	2.00		
Siberian	6.00	3.00		
DWARF ESSEX RAPE	15.00			
SUDAN GRASS	20.00			

These are wholesale prices, good for amounts of 10 pounds of a kind, or over. Add 2c per pound for amounts of 5 to 10 pounds. Add 5c per pound for amounts below 5 pounds.

Standard Bacteria (bottles) Nitratin (in cans)
 Garden size .45 Garden size .35
 1 acre size .75 ½ acre size .50
 2 acre size 1.40 1 acre size 1.00
 4 acre size 2.25 2 acre size 1.75
 6 acre size 3.00 5 acre size 4.00
 (Add 5c per bottle or can for postage)